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FORMULA INDEX.

The following index of organic compounds of known empirical formula is arranged according to Richter's system (see *Lexikon der Kohlenstoff-Verbindungen*).

The elements are given in the order C, H, O, N, Cl, Br, I, F, S, P, and the remainder alphabetically.

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C_1 group, C_2 group, etc.).

Secondly, according to the number of other elements besides carbon contained in the molecule (thus 5 IV indicates that the molecule contains five carbon atoms and four other elements).

Thirdly, according to the nature of the elements present in the molecule (given in the above order).

Fourthly, according to the number of atoms of each single element (except carbon) present in the molecule.

Salts are placed with the compounds from which they are derived. The chlorides, bromides, iodides, and cyanides of quaternary ammonium bases, however, are registered as group-substances.

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$C_4H_9NSAsAu$ Thiocyanatotrimethylarsinegold, 1832.
$C_4H_{19}O_2N_4Cl_4Co_2$ *trans*-Hydroxoaquobisethylenediaminecobaltic cobaltochloride, 509.

C_5 Group.

C_5H_6 *cyclo*Pentadiene, determination of, 797.

5 II

C_5H_5N Pyridine, compounds of, with cobaltous salts, 1558.
$C_5H_{10}O_2$ *tert.*-Butyl formate, 1852.
$C_5H_{11}N$ Piperidine, physical properties of mixtures of, with propionic acid in benzene, 462.
$C_5H_{12}O_4$ Pentaerythritol, crystal structure of, 883.

5 III

$C_5H_4N_6S_5$ 3:5-Dithiocarbimidothiocarbonyldithiourea, 1362.
$C_5H_6N_4S_2$ *NN'*-Dithiocarbimidodimethylthiourea, 1361.
C_5H_9ON α-Piperidone, association of, 495.
$C_5H_{10}O_2S$ α-Ethylsulphonyl-Δ^{β}-propylene, 312.
$C_5H_{10}O_3N_2$ αδ-Diamino-γ-ketovaleric acid, dihydrobromide of, 1167.
$C_5H_{10}O_4N_2$ *dl*-Erythro-α-hydroxy-β-methoxysuccindiamide, 1518.
$C_5H_{12}OS$ γ-Hydroxy-α-ethylthiopropane, 314.
$C_5H_{12}O_2N_2$ Ethyl 5-hydroxyvalerate hydrazide, 374.

5 IV

$C_5H_4O_2N_6S_3$ 3:5-Dithiocarbimidothiocarbonyldiurea, 1360.
$C_5H_{10}O_2Br_2S$ βγ-Dibromo-α-ethylsulphonylpropane, 312.

$C_5H_{10}NCl_3S$ *S*-Diethylaminotrichloromethylthiol, 1631.
$C_5H_{11}OClS$ γ-Chloro-β-hydroxy-α-ethylthiopropane, 313.
$C_5H_{11}O_3ClS$ γ-Chloro-β-hydroxy-α-ethylsulphonylpropane, 313.

C_6 Group.

C_6H_6 Benzene, structure of, 1728.
C_6H_{10} β-Methyl-$\Delta^{\alpha\delta}$-pentadiene, 1073.
C_6H_{12} Tetramethylethylene, polymerisation of, 1039.
C_6D_6 Hexadeuterobenzene, Raman spectrum of, 1728.

6 II

C_6H_5Cl Chlorobenzene, polarisation of, in ethers, 1051.
C_6H_5Br Bromobenzene, moments and polarisation of, in various solvents, 135.
C_6H_6N Substance, from β-dimethylaminopropiophenone and hydrazine, 1931.
$C_6H_6N_4$ 4-Amino-5-cyano-2-methylpyrimidine, 366.
C_6H_7N Aniline, reaction of, with iodine, 1365; nitrite of, decomposition of, 1129.
$C_6H_8O_4$ β-Methyl-Δ^{β}-propylene-αγ-dicarboxylic acids, 726.
Norhomopilopic acid, 1062.
$C_6H_{10}O_2$ *cyclo*Hexanone peroxide, 373.
$C_6H_{10}O_3$ Tetrahydrofurylacetic acid, 721.
$C_6H_{10}O_4$ *d*-Ethylsuccinic acid, 230.
$C_6H_{11}N$ *bicyclo*[1:2:2]Aza-1-heptane, and its salts, 1526.
$C_6H_{12}O$ β-Methyl-Δ^{β}-penten-δ-ol, 1076.
$C_6H_{12}O_6$ Dihydroxyacetone dimeride, catalysis of depolymerisation of, 1947.
Glucose, heats of activation in mutarotation of, 1413.

6 III

$C_6H_2O_3S$ Thiophen-2:3-dicarboxylic anhydride, 916.
$C_6H_2N_2S$ 2:3-Dicyanothiophen, 917.
$C_6H_3ON_3$ 3:4-Dicyano-5-methyl*iso*oxazole, 927.
$C_6H_4ON_4$ 6-Hydroxy-2:3-dicyanodihydropyrazine, 1435.
$C_6H_4N_3Cl$ 4-Chloro-5-cyano-2-methylpyrimidine, 366.
$C_6H_5ON_3$ 4-Hydroxy-5-cyano-2-methylpyrimidine, 366.
$C_6H_5O_2N$ *p*-Benzoquinoneoxime, tautomerism of, with *p*-nitrosophenol, 520.
Nitrobenzene, polarisation of, in ethers, 1051.
$C_6H_5O_2N_3$ Cyano-5-methyl*iso*oxazolecarboxyamide, 927.
$C_6H_5N_2Cl$ Benzenediazonium chloride, reactions of, 2007.
$C_6H_6ON_2$ Diazobenzene hydroxide, reactions of, 2014.
$C_6H_6ON_4$ Acetamidoiminosuccinonitrile, 1436.
$C_6H_4N_2S$ 2-Keto-2:3-dihydrothiazole-2-*iso*propylidenehydrazone, 559.
$C_6H_7O_2N_3$ 5-Methyl*iso*oxazole-3:4-dicarboxyamide, 927.
$C_6H_8ON_4$ 4-Amino-2-methylpyrimidine-5-carboxyamide, 366.
C_6H_9ON Tetrahydrofurylacetonitrile, 720.
$C_6H_{11}OBr$ δ-Ethoxybutyl bromide, 816.
$C_6H_{12}O_4N_2$ *dl*-Dimethoxysuccindiamide, 1518.
Tartarobismethylamides, 1518.
$C_6H_{13}ON$ 4-Piperidylcarbinol, and its picrate, 1526.
$C_6H_{14}O_2Mn$ Manganese *iso*propoxide, 1408.
$C_6H_{15}O_3Re$ Rhenium triethoxide, 1408.

6 IV

$C_6H_3O_2NS$ Thiophen-2:3-dicarboxylic imide, 916.
$C_6H_5N_2Cl_2I$ 2:4-Dichloro-5-iodomethyl-6-methylpyrimidine, 1508.
$C_6H_7O_2NS$ Ethyl α-thiocyanopropionate, 157.
$C_6H_7O_2NSe$ Ethyl α-selenocyanopropionate, 157.
$C_6H_9O_2N_3S$ *dl*-Thiolhistidine, 1167.
$C_6H_{15}ClPAu$ Chlorotriethylphosphinegold, 1832.
$C_6H_{15}ClAsAu$ Chlorotriethylarsinegold, 1833.
$C_6H_{15}IPAu$ Iodotriethylphosphinegold, 1832.
$C_6H_{15}IAsAu$ Iodotriethylarsinegold, 1833.

C_7 Group.

$C_7H_3N_3$ 2:3-Dicyanopyridine, 919.
$C_7H_8O_4$ 2-Keto-3-methyl-2:5-dihydrofuran-5-acetic acid, 1346.
α-Methylmuconic acid, 1347.
$C_7H_8N_2$ 3-Cyano-2:5-dimethylpyrrole, 925.
5-Cyano-2:3-dimethylpyrrole, 927.
$C_7H_{10}O_4$ Dihydro-α-methylmuconic acid, 1347.
$C_7H_{10}O_6$ 2-Methyl ascorbic acid, 832.
$C_7H_{10}O_7$ Gluco-ascorbic acid, 549.
$C_7H_{10}N_2$ 2:4:6-Trimethylpyrimidine, 494.

$C_7H_{12}O_3$ β-Ethoxyethylideneacetone, 1062.
$C_7H_{12}O_3$ Dimethyl xylal, 781.
αγ-Methylenedioxy-β-acetyl-β-methylpropane, 844.
β-Tetrahydrofurylpropionic acid, 719.
$C_7H_{12}O_6$ Methyl *dl*-erythrohydroxymethoxysuccinate, 1518.
2-Methyl γ-gluconolactone, 796.
$C_7H_{13}N$ Quinuclidine, synthesis of, 1990.
$C_7H_{13}Br$ Δ^6-*n*-Heptenyl bromide, 1973.
$C_7H_{14}O$ Δ^6-*n*-Heptenol, 1973.
$C_7H_{14}O_3$ Ethyl 5-hydroxyvalerate, 373.
$C_7H_{14}O_5$ 2:5-Dimethylxylofuranose, 1602.
$C_7H_{14}O_6$ α-Methylgalactopyranoside, 1924.
α-Methylglucopyranoside, 1924.

7 III

$C_7H_3O_2I_2$ 2:4:6-Tri-iodo-3-hydroxybenzaldehyde, 77.
$C_7H_3O_4N_3$ 2:4-Dinitrobenzonitrile, preparation of, 1746.
$C_7H_4O_2I_2$ 2:6-Di-iodo-3-hydroxybenzaldehyde, 77.
$C_7H_4O_6N_2$ 2:4-Dinitrobenzoic acid, preparation of, 1746.
$C_7H_5ON_3$ Cyanopyridinecarboxyamide, 919.
$C_7H_5O_2I$ 6-Iodo-3-hydroxybenzaldehyde, 77.
$C_7H_5O_2Na$ Sodium guaiacoxide, action of, with alkyl iodides, 1792.
$C_7H_8O_4S$ 2-Hydroxyphenylmethanesulphonic acid, sodium salt, 1350.
$C_7H_9ON_3$ 4-Phenylsemicarbazide, co-ordination compounds of, with metallic salts, 1357.
$C_7H_{10}O_{14}N_4$ β-Methylglucoside 2:3:4:6-tetranitrate, 1717.
$C_7H_{10}N_4S$ 4-Amino-5-thioformamidomethyl-2-methylpyrimidine, 367.
$C_7H_{11}ON$ 2-Ketoquinuclidine, 1990.
$C_7H_{11}O_6N$ Imino-*l*-gluco-ascorbic acid, 552.
$C_7H_{11}N_3S$ 2-Keto-4-methyl-2:3-dihydrothiazole-2-*iso*propylidenehydrazone, 557.
$C_7H_{12}ON_2$ 5-Acetyl-4:4-dimethylpyrazoline, 1556.
$C_7H_{12}O_{10}N_2$ β-Methylglucoside dinitrates, 1716.
$C_7H_{13}OBr$ γ-Tetrahydrofurylpropyl bromide, 720.
$C_7H_{14}O_4S_2$ αγ-Bis(ethylsulphonyl)propylene, 318.
$C_7H_{14}NI$ *bicyclo*[1:2:2]Aza-1-heptane methiodide, 1526.
$C_7H_{15}ON_3$ *dl*-Methyl*iso*propylacetaldehyde semicarbazone, 1045.
$C_7H_{15}O_6N$ 2-Methyl gluconamide, 796.
$C_7H_{16}O_3N_2$ Ethyl 7-hydroxyheptoate hydrazide, 373.
$C_7H_{16}O_5S_2$ β-Hydroxy-αγ-bis(ethylsulphonyl)propane, 318.

7 IV

$C_7H_3O_6N_2I$ Iododinitro-3-hydroxybenzaldehydes, 78.
$C_7H_4O_4NI$ 2-Iodo-6-nitrobenzoic acid, 1101.
$C_7H_4O_4N_6S_3$ *NN'*-Dithiocarbimido-*NN'*-dioxamylthiourea, 1361.
C_7H_6ONBr ω-Bromoacetylpyridine, 967.
$C_7H_{15}O_4ClS_2$ β-Chloro-αγ-bis(ethylsulphonyl)propane, 318.

C_8 Group.

$C_8H_6N_4$ 2:3-Dicyano-5:6-dimethylpyrazine, 921, 1436.
$C_8H_7N_3$ 3:4-Dicyano-2:5-dimethylpyrrole, 926.
C_8H_8O Acetophenone, action of phosphorus pentahalides on, 304.
$C_8H_8O_3$ Mandelic acid, acid salts of, 608.
4-Methoxy-2:5-toluquinone, preparation of, 1471.
$C_8H_8O_6$ 2-Keto-3-methyl-2:5-dihydrofuran-5-malonic acid, and its barium salt, 1346.
C_8H_9Cl α-Phenylethyl chloride, action of silver salts on, 1236.
$C_8H_{10}O_4$ Methyl 2-keto-3-methyl-2:5-dihydrofuran-5-acetate, 1346.
$C_8H_{10}O_6$ 2-Keto-3-methyltetrahydrofuran-5-acetic-5-carboxylic acid, 1347.
$C_8H_{10}N_4$ *iso*Butylideneaminoiminosuccinonitrile, 1436.
2:7-Dimethyldihydro-1:3:6:8-benztetrazine, and its hydrobromide, 1507.
$C_8H_{11}N$ 2:4:6-Trimethylpyridine, nitrate of, 302.
$C_8H_{12}O$ 2-Methyl-6-methylene*cyclo*hexanone, 57.
$C_8H_{12}O_4$ Homopilopic acids, 1060.
Norcaryophyllenic acids, resolution of, 1340.
Δ^4-*n*-Pentenylmalonic acid, 1973.
$C_8H_{12}O_6$ *iso*Dimethyl ascorbic acid, 831.
$C_8H_{12}O_7$ 2-Methyl gluco-ascorbic acid, 555.
3-Methyl *d*-gluco-ascorbic acid, 552.
$C_8H_{14}O_4$ γ-Carbethoxyvaleryl chloride, 72.
d- and *l*-Diethylsuccinic acids, 233.
$C_8H_{14}O_6$ Diethyl tartrate, green colour of, 963.
3:4-Dimethyl mannonolactone, 791.
$C_8H_{16}O_3$ Ethyl 6-hydroxyhexoate, 373.
$C_8H_{16}O_5$ 2:5-Dimethyl methylxylofuranosides, 1602.
2:3-Dimethyl γ-methylxyloside, 1603.

$C_8H_{16}O_6$ 4:6-Dimethyl α-glucose, 1716.
3:4-Dimethyl mannose, 791.
3:4:5-Trimethyl *d*-arabonic acid, 554.
$C_8H_{17}Cl$ 2-Chloro-6-methylheptane, 1589.
$C_8H_{17}Br$ β-*n*-Octyl bromide, action of silver salts on, 1236; hydrolysis of, 1192.
$C_8H_{17}I$ 2-Iodo-6-methylheptane, 1590.
$C_8H_{18}N_2$ Tetramethylpiperazines, 368.

8 III

$C_8H_4O_4Cl_2$ 3:6-Dichlorophthalic acid, hydrazine salt, 32.
$C_8H_5O_2I_3$ 2:4:6-Tri-iodo-3-methoxybenzaldehyde, 77.
$C_8H_5O_3N$ 3-Hydroxyphthalimide, 33.
$C_8H_5O_4N_3$ 3-Nitro-*N*-aminophthalimide, 1846.
$C_8H_5O_4Br$ 2-Bromo*iso*phthalic acid, 1305.
$C_8H_6O_2N_2$ *N*-Aminophthalimide, 20.
$C_8H_6O_2I_2$ 2:6-Di-iodo-3-methoxybenzaldehyde, 77.
$C_8H_6O_3N_2$ 5-Hydroxyphthalaz-1:4-dione, and its sodium salt, 33.
$C_8H_6Cl_2S$ Phenyl αβ-dichlorovinyl sulphide, 769.
$C_8H_6Cl_4S$ Phenyl ααββ-tetrachloroethyl sulphide, 769.
$C_8H_7O_2N_3$ *N*-3-Diaminophthalimide, 30.
3:6-Diaminophthalimide, 589.
3:6-Dimethylpyridazine-4:5-dicarboxyimide, 928.
3-Hydrazinophthalimide, 591.
$C_8H_7O_3N$ 4-Cyano-2:5-dimethylfuran-3-carboxylic acid, 928.
Methyl 5-cyano-3-methylfuran-4-carboxylate, 928.
$C_8H_7O_5N_3$ 3-Nitro-2-carboxybenzhydrazide, 29.
$C_8H_9ON_3$ 4-Formyl-3-cyano-2:5-dimethylpyrrole, 926.
$C_8H_9O_2N_3$ 3-Cyano-2:5-dimethylpyrrole-4-carboxylic acid, 925.
5-Cyano-2:3-dimethylpyrrole-4-carboxylic acid, 927.
$C_8H_9O_3N_4$ Acetamidoacetimidosuccinonitrile, 1436.
N-Amino-3-hydrazinophthalimide, 591.
Diaminophthalaz-1:4-diones, 590.
5-Hydrazinophthalaz-1:4-dione and its sodium salt, 591.
3:6-*N*-Triaminophthalimide, 589.
$C_8H_9O_3S$ 5-Methylbenzylsultone, 1351.
$C_8H_9N_2S$ *N*-Thiocarbimidophenylmethylamine, 1362.
$C_8H_9O_2N_3$ *o*-Carbamylbenzhydrazide, 21.
C_8H_9NS Benzylthioformamide, 363.
$C_8H_{10}O_2N_4$ 3:6-Dimethylpyridazine-4:5-dicarboxyamide, 928.
$C_8H_{10}O_3N_2$ Ethyl 4-hydroxy-2-methylpyrimidine-5-carboxylate, 366.
$C_8H_{10}N_3Br$ 1-*p*-Bromophenyl-3:3-dimethyltriazen, 324.
$C_8H_{11}ON_3$ 4-*m*-Tolylsemicarbazide, co-ordination compounds of, with metallic salts, 1357.
$C_8H_{11}O_3N_3$ Ethyl 4-amino-2-methylpyrimidine-5-carboxylate, 366.
$C_8H_{11}O_4N$ Ethyl 2-pyrrolidone-3-oxalate, 1525.
$C_8H_{11}N_3S_2$ 2-Amino-1:4-dithiocarbamidobenzene, 1360.
$C_8H_{12}N_4S$ 4-Amino-5-thioacetamidomethyl-2-methylpyrimidine, 1507.
$C_8H_{14}ON_2$ 5-Acetyl-3:4:4-trimethylpyrazoline, 1556.
$C_8H_{15}ON$ 2-Hydroxyoctahydropyrrocolines, and their salts, 1523.
$C_8H_{15}O_2N$ Ethyl piperidine-4-carboxylate, and its picrate, 1525.
$C_8H_{15}O_2N_3$ β-Ethoxyethylideneacetone semicarbazone, 1062.
$C_8H_{15}O_2Cl$ Ethyl 6-chlorohexoate, 721.
$C_8H_{15}O_2Br$ Ethyl 6-bromohexoate, 721.
$C_8H_{15}O_3N_3$ αγ-Methylenedioxy-β-acetyl-β-methylpropane semicarbazone, 844.
$C_8H_{16}O_2N_2$ αγ-Diacetyl-β-methylpropane dioxime, 302.
$C_8H_{16}O_2N_4$ Dinitroso-ε-2:3:5:6-tetramethylpiperazine, 369.
$C_8H_{16}O_4N_2$ *dl*-Dimethoxysuccinobismethylamide, 1518.
$C_8H_{17}O_6N$ 3:4-Dimethyl mannonamide, 791.
$C_8H_{20}Br_2Au_2$ Diethylbromogold, constitution of, 1690.

8 IV

$C_8H_2O_2N_2Cl_4$ Tetrachloro-*N*-aminophthalimide, 32.
$C_8H_3O_2NCl_2$ 4:5-Dichlorophthalimide, 590.
$C_8H_4O_2N_2Cl_2$ 3:6-Dichloro-*N*-aminophthalimide, 31.
Dichlorophthalaz-1:4-diones, 32.
$C_8H_4O_2N_2Cl$ 3-Chloro-*N*-aminophthalimide, 31.
5-Chlorophthalaz-1:4-dione, 31.
$C_8H_4O_4NI_2$ 2:4-Di-iodo-6-nitro-3-methoxybenzaldehyde, 78.
$C_8H_6O_4NI$ Methyl 2-iodo-6-nitrobenzoate, 1101.
$C_8H_7O_5N_2S$ Phthalimide-3-hydrazine-β-sulphonic acid, sodium salt, 591.
$C_8H_8O_2N_2S$ *o*-Nitrobenzylthioformamide, 363.
$C_8H_8O_2N_4Cl_2$ 3:6-Dichlorophthalodihydrazide, 32.
$C_8H_8O_2BrI$ Methyl 5-bromo-2-iodobenzoate, 1101.
$C_8H_9O_5N_2S$ *N*-Aminophthalimide-3-hydrazine-β-sulphonic acid, sodium salt, 591.
$C_8H_9NCl_3S$ Methylanilinotrichloromethylthiol, 1631.

$C_8H_{14}ONI$ 2-Ketoquinuclidine methiodide, 1990.
$C_8H_{24}N_4Cl_2Pt$ *iso*Butylenediamino-β-methyltrimethylenediaminoplatinous chloride, 1550.
$C_8H_{26}O_2N_4Cu$ Bis*iso*butylenediaminocupric hydroxide, salts of, 948.
$C_8H_{26}O_2N_4Pt$ Bis*iso*butylenediaminoplatinous hydroxide, salts of, 1550.
*iso*Butylenediamino-β-methyltrimethylenediaminoplatinous hydroxide, salts of, 1550.

8 V

$C_8H_9ON_4BrS$ 2-Thion-1-*p*-bromophenyldiurea, 1361.
$C_8H_{31}ON_8Cl_3Co_2$ *trans*-Dichlorobisethylenediaminecobaltic cobaltochloride, 509.

C_9 Group.

C_9H_8 Indene, determination of, 797.
C_9H_{10} Hydrindene, structure of, 1103.
α-Methylstyrene, polymerisation of, 1788.

9 II

$C_9H_8O_2$ Benzylglyoxal, 1915.
$C_9H_{10}O_2$ *p*-Ethylbenzoic acid, 1777.
$C_9H_{10}O_3$ 4-Methoxy-*o*-toluic acid, 264.
$C_9H_{10}O_4$ 2:4-Dihydroxy-6-ethoxybenzaldehyde, 289.
β-Methylsuberic acid, 1974.
$C_9H_{10}O_6$ 5-Carbomethoxy-2-keto-3-methyl-2:5-dihydrofuran-5-acetic acid, 1346.
$C_9H_{11}N$ 1-Methyldihydro*iso*indole, and its salts, 935.
$C_9H_{11}Cl$ β-*o*-Tolylethyl chloride, 395.
$C_9H_{12}O_3$ *C*-Methylphloroglucinol β-ethyl ether, 289.
$C_9H_{12}O_4$ α-Ethyl-γ-butyrolactone-β-pyruvaldehyde, 1064.
$C_9H_{12}O_6$ 3:3-Dimethyl*cyclo*butanetricarboxylic acid, 1341.
$C_9H_{14}O_2$ *cyclo*Hexane*spiro*butyrolactone, 1139.
β-*cyclo*Hexylidenepropionic acid, 1140.
β-2-Hydroxy*cyclo*hexylpropionolactone, 823.
$C_9H_{14}O_3$ β-Acetonyl-α-ethyl-γ-butyrolactones, 1062.
$C_9H_{14}O_5$ Methyl γ-keto-β-methyl-*n*-butane-αβ-dicarboxylate, 1346.
Methyl δ-keto-*n*-pentane-βγ-dicarboxylate, 1347.
$C_9H_{14}O_6$ 2:3:5-Trimethyl *l*-ascorbic acid, 833.
*iso*Trimethyl ascorbic acid, 834.
$C_9H_{14}O_7$ 2:3-Dimethyl *d*-gluco-ascorbic acid, 553.
*iso*Dimethyl gluco-ascorbic acid, 555.
$C_9H_{15}N$ 1-Methylhexahydropyrrocoline, and its picrolonate, 1522.
$C_9H_{16}O_2$ Δ^8-*n*-Nonenoic acid, 1974.
$C_9H_{16}O_3$ Ethyl β-tetrahydrofurylpropionate, 720.
8-Ketononoic acid, 722.
$C_9H_{17}N$ 1-Methyloctahydropyrrocoline, and its salts, 1522.
$C_9H_{17}Br$ Δ^8-*n*-Nonenyl bromide, 1974.
$C_9H_{18}O$ Δ^8-*n*-Nonenol, 1974.
$C_9H_{18}O_2$ Nordihydrocitronellic acid, 1591.
$C_9H_{18}O_6$ 4:6-Dimethyl β-methylglucoside, 1716.
Methyl 3:4:5-trimethyl *d*-arabonate, 554.
2:4:6-Trimethyl α-galactose, 1618.
2:3:6-Trimethyl glucopyranose, 1925.
3:4:6-Trimethyl α-*d*-mannose, 1925.

9 III

$C_9H_3N_3S_3$ Trithiocarbimidobenzenes, 1360.
$C_9H_6O_2N_2$ Acetylquinolinimide, 919.
$C_9H_7O_4N$ 6-Hydroxy-7-methoxyisatin, 402.
$C_9H_7O_4N_3$ 5-Nitro-1-methoxyphthalazone-4-one, 1845.
α- and β-Nitro-*N*-methylphthalaz-1:4-diones, 35.
$C_9H_9O_2N_3$ 3-Methylaminophthalimide, 589.
C_9H_9ON 3-Hydroxymethylindole, 1929.
$C_9H_9O_3N_3$ 5-Amino-1-methoxyphthalaz-4-one, 1845.
N-Amino-3-methylaminophthalimide, 589.
α- and β-Amino-*N*-methylphthalaz-1:4-diones, 35.
5-Methylaminophthalaz-1:4-dione, 589.
$C_9H_9NBr_2$ 4:6-Dibromo-5-aminohydrindene, 1107.
$C_9H_{10}O_2N_2$ Benzylglyoxime, 1915.
$C_9H_{10}O_3S$ 5:7-Dimethylbenzylsultone, 1351.
$C_9H_{10}O_4S$ Benzylsulphonylacetic acid, 315.
$C_9H_{10}NBr$ 4-Bromo-5-aminohydrindene, 1107.
$C_9H_{11}ON$ *m*-Dimethylaminobenzaldehyde, and its picrate, 1892.
$C_9H_{11}OCl$ β-*o*-Anisylethyl chloride, 1621.
$C_9H_{12}ON_2$ *m*-Dimethylaminobenzaldehyde oxime, 1892.
$C_9H_{12}O_2N_2$ 2-Methoxy-*m*-toluhydrazide, 261.
$C_9H_{12}O_4S$ *p*-2-Xylenol-5-methanesulphonic acid, salts, 1351.

$C_9H_{12}N_6S_3$ 1:2:4-Trithiocarbamidobenzene, 1360.
$C_9H_{13}O_{13}N_3$ 6-Acetyl β-methylglucoside 2:3:4-trinitrate, 1715.
$C_9H_{14}O_{10}N_2$ 4:6-Ethylidene β-methylglucoside 2:3-dinitrate, 1715.
$C_9H_{15}ON$ 2-Keto-octahydropyrrocoline, and its picrate, 1520.
l-4-*iso*Propyl-Δ^2-*cyclo*hexen-1-one oxime, 987.
$C_9H_{16}O_{10}N_2$ 4:6-Dimethyl β-methylglucoside 2:3-dinitrate, 1716.
$C_9H_{17}ON$ 1-Hydroxy-1-methyloctahydropyrrocoline, and its salts, 1522.
$C_9H_{17}O_2Br$ 9-Bromo-*n*-nonoic acid, 1979.
Ethyl 7-bromoheptoate, 722.
$C_9H_{18}O_6N_2$ 2:3:4-Trimethyl mannosaccharodiamide, 790.
$C_9H_{19}ON$ 1-Diethylaminopentan-3-one, 1578.
$C_9H_{19}O_5N$ 2:3:4:5-Tetramethylarabonamides, 554.
Trimethyl glucosamine, hydrochloride of, 1982.
$C_9H_{21}O_3Re$ Rhenium tri*iso*propoxide, 1408.

9 IV

$C_9H_6O_3NBr$ Bromonitrohydrindenes, 1107.
$C_9H_6O_3NI$ 2-Iodo-3-hydroxy-1-methyl-2:3-dihydroindole-5:6-quinone, 601.
C_9H_9OClS Phenyl α-chloromethoxyvinyl sulphide, 769.
$C_9H_9O_4BrHg$ 2-Bromomercuri-4-hydroxy-3:5-dimethoxybenzaldehyde, 853.
$C_9H_9O_5ClHg$ 2-Chloromercuri-4-hydroxy-3:5-dimethoxybenzoic acid, 853.
$C_9H_{10}ON_2S$ Acetyl-*o*-phenylenebisthioformamide, 363.
$C_9H_{10}O_2N_4S$ 1-Oxamyl-4-phenylthiosemicarbazide, 1361.
$C_9H_{10}O_4N_2Hg$ Nitroacetoxymercuritoluidines, 985.
$C_9H_{10}NCl_3S$ *S*-*p*-Dimethylaminophenyltrichloromethylthiol, 1632.
Methyl-*p*-toluidinotrichloromethylthiol, 1631.
$C_9H_{11}O_3NS$ *N*-Acetyl-*p*-toluenesulphonamide, 1118.
$C_9H_{12}ON_4S$ 2-Thion-*p*-tolyldiurea, 1361.
$C_9H_{16}O_4N_6S_3$ 3:5-Dithiomethanocarbonyldiurea, 1361.
$C_9H_{21}ClPAu$ Chlorotri-*n*-propylphosphinegold, 1832.

9 V

$C_9H_8O_4N_3Cl_3S$ Dinitro-*S*-*p*-dimethylaminophenyltrichloromethylthiol, 1633.
$C_9H_9NCl_3BrS$ Bromo-*S*-*p*-dimethylaminophenyltrichloromethylthiol, 1633.

C_{10} Group.

$C_{10}H_8$ Naphthalene, structure of, 1103.
$C_{10}H_{12}$ α-Dimethylstyrene, polymerisation of, 1790.
m-Propenyltoluene, 1760.
Tetrahydronaphthalene, structure of, 1103.
$C_{10}H_{16}$ 1-Δ^γ-Butenyl-Δ^1-*cyclo*hexene, 1138.
d-Limonene, rotation of, in various solvents, 151.
d-Pinene, rotation of, in various solvents, 149.
$C_{10}H_{18}$ *cis*-8-Methylhydrindane, 1145.

10 II

$C_{10}H_8N_2$ *o*-Cyanocinnamonitrile, 936.
$C_{10}H_6Br_2$ 2:3-Dibromonaphthalene, 1529.
$C_{10}H_8O_3$ Trihydroxynaphthalenes, 1861.
$C_{10}H_8O_4$ 7-Hydroxy-5-methoxycoumarin, 293.
$C_{10}H_{10}O_3$ γ-Phenoxycrotonic acid, 1060.
$C_{10}H_{12}O_2$ *p*-*iso*Propylbenzoic acid, 1777.
$C_{10}H_{12}O_3$ 2-Methoxy-*m*-tolylacetic acid, 261.
4-Methoxy-*o*-tolyl acetic acid, 265.
4-Methoxy-*m*-tolylacetic acid, 263.
5-Methoxy-*o*-tolylacetic acid, 512.
$C_{10}H_{12}O_4$ 2:6-Dihydroxy-4-ethoxy-3-methylbenzaldehyde, 289.
2-Hydroxy-4:6-dimethoxy-5-methylbenzaldehyde, 288.
$C_{10}H_{13}N$ Tetrahydrobenzoquinaldine, and its salts, 1529.
$C_{10}H_{13}Cl$ *p*-Tolylethylchloromethane, 1758.
$C_{10}H_{14}O$ 5-Ketomethyl-$\Delta^{4:9}$-tetrahydrohydrindenes, 59.
2-Keto-$\Delta^{1:9}$-octalin, 56.
$C_{10}H_{14}O_6$ Methyl 1:2-diacetylsuccinate, 925.
$C_{10}H_{15}N$ Thymylamine, oxalate of, 1596.
$C_{10}H_{15}N_3$ Triallylguanidine, hydrochloride of, 828.
$C_{10}H_{16}O$ Campholic aldehyde, rotatory dispersion of, 233.
8-Methyl-1-hydrindanone, 816, 1161.
cis-8-Methyl-2-hydrindanone, 1144.
$C_{10}H_{16}O_2$ 3-Hydroxy-*cis*-2-decalone, 824.
$C_{10}H_{16}O_4$ *cis*-β-Ethoxymethyl-α-ethylglutaric anhydride, 1062.
Δ^6-*n*-Heptenylmalonic acid, 1974.
Homocaryophyllenic acid, structure of, 73.

$C_{10}H_{16}O_6$ Jaconecic acid, 585.
$C_{10}H_{17}N$ Ethylhexahydropyrrocolines, and their picrolonates, 1521.
$C_{10}H_{18}O$ 1-Δ^{γ}-Butenyl*cyclo*hexanol, 1138.
Carvotanacetols, 239.
dl-Δ^{6}-*neo*Menthen-3-ol, 238.
$C_{10}H_{18}O_3$ 9-Ketodecoic acid, 723.
$C_{10}H_{18}O_5$ β-Ethoxymethyl-α-ethylglutaric acids, 1062.
$C_{10}H_{19}N$ Carvotanacetylamines, and their salts, 241.
1-Ethyloctahydropyrrocoline, 1521.
2-Ethyloctahydropyrrocoline, and its salts, 1521.
2-Methyloctahydropyridocoline, and its picrate, 1522.
$C_{10}H_{20}O$ *cis*-8-Hydroxy-*p*-menthane, preparation of, 2007.
$C_{10}H_{20}O_2$ *dl*-Menthane-1:3-diols, 238.
$C_{10}H_{20}O_5$ Methyl 2:3:4:5-tetramethyl *d*-arabonate, 554.
2:3:4:6-Tetramethyl glucose, 1924.
2:3:6-Trimethyl methylglucopyranoside, 1925.

10 III

$C_{10}H_4N_2S$ 2:3-Dicyanothionaphthen, 918.
$C_{10}H_5O_3N$ Nitrohydroxy-1:2-naphthaquinones, 1862.
$C_{10}H_6O_2Br_2$ 1:5-Dibromo-2:6-dihydroxynaphthalene, 1861.
$C_{10}H_6O_4N_4$ Pyromellitaz-1:4:6:9-tetraone, and its sodium salt, 591.
$C_{10}H_6ClBr$ 1-Chloro-2-bromonaphthalene, 1352.
$C_{10}H_7O_5N$ 8-Nitro-1:2:7-trihydroxynaphthalene, 1862.
$C_{10}H_8O_2N_2$ *iso*Carbostyril-3-carboxylamide, 475.
$C_{10}H_8O_3S$ Thionaphthen-2-acetic acid, 1698.
$C_{10}H_8O_3N_2$ *N*-Acetamidophthalimide, 21.
Acetylphthalaz-1:4-dione, 25.
$C_{10}H_8O_4S_2$ 2-Hydroxynaphthyl-1-thiolsulphonic acid, sodium salt, 1351.
$C_{10}H_8NBr$ 3-Bromo-β-naphthylamine, 1529.
$C_{10}H_8N_2S$ 6-Thioformamidoquinoline, 363.
$C_{10}H_9O_3N$ 8-Amino-1:2:7-trihydroxynaphthalene, 1862.
$C_{10}H_9O_3N_3$ 3-Acetamido-*N*-aminophthalimide, 1843.
Acetamidophthalaz-1:4-diones, 30.
$C_{10}H_9O_4N_3$ 5-Nitro-1:4-dimethoxyphthalazine, 1846.
Nitro-*N*-dimethylaminophthalimides, 35.
Nitro-2:3-dimethylphthalaz-1:4-diones, 35.
Nitromethoxymethylphthalazones, 1844.
$C_{10}H_9O_4Br$ Methyl 2-bromo*iso*phthalate, 1305.
$C_{10}H_9N_3S$ 2-Keto-2:3-dihydrothiazole-2-benzylidenehydrazone, 559.
$C_{10}H_{10}O_2N_2$ 1:4-Dimethoxyphthalazine, 1845.
N-Dimethylaminophthalimide, 35.
2:3-Dimethylphthalaz-1:4-dione, 35.
$C_{10}H_{10}O_4N_4$ 6-Hydroxy-7-methoxyisatin semicarbazone, 402.
$C_{10}H_{11}ON$ 3-Methoxymethylindole, 1928.
$C_{10}H_{11}O_3N$ β-Hydroxy-γ-phenoxybutyronitrile, 1061.
$C_{10}H_{11}O_2N_3$ 5-Amino-1:4-dimethoxyphthalazine, 1846.
Amino-2:3-dimethylphthalaz-1:4-diones, 36.
Aminomethoxymethylphthalazones, 1844.
$C_{10}H_{11}O_2Na$ Sodium eugenoxide, reaction of, with alkyl iodides, 1172.
$C_{10}H_{11}O_3N$ Ethyl hydroxymethylene-2-pyridylacetate, 967.
$C_{10}H_{12}O_2N_2$ Ethyl 5-cyano-2:3-dimethylpyrrole-4-carboxylate, 927.
$C_{10}H_{12}OCl$ β-(4-Methoxy-*o*-tolyl)ethyl chloride, 265.
β-(5-Methoxy-*o*-tolyl)ethyl chloride, 511.
$C_{10}H_{13}O_2N$ 2-Cyano-1:3-dimethyl-1:3-*cyclo*hexanolide, 259.
$C_{10}H_{13}O_2N_3$ 4-Methoxy-*o*-tolualdehyde semicarbazone, 265.
$C_{10}H_{13}O_4N$ Ethyl 3:5-dihydroxyphenylaminoacetate, 455.
5-Nitro-4-ethylveratrole, 431.
$C_{10}H_{14}ON_4$ *m*-Dimethylaminobenzaldehyde semicarbazone, 1892.
$C_{10}H_{14}O_2N_2$ *r*-Pilocarpidines, 1064.
$C_{10}H_{14}NBr$ Bromoaminodurene, 14.
$C_{10}H_{15}ON_3$ 3-Ketodecahydro*peri*pyridazopyridocoline, 967.
$C_{10}H_{15}OCl$ 3-Chloro-*cis*-2-decalone, 824.
$C_{10}H_{17}ON$ 1-Hydroxy-1-ethylhexahydropyrrocoline, 1521.
1-Keto-2-methyloctahydropyridocoline, and its salts, 1522.
2-Keto-1-methyloctahydropyridocoline, and its salts, 968.
$C_{10}H_{17}ON_3$ Ethyl 2-keto-$\Delta^{1:9}$-octalin-10-carboxylate semicarbazone, 56.
$C_{10}H_{17}O_2N$ Acetyltropëine, and its hydrobromide, 1822.
$C_{10}H_{17}O_3N_3$ β-Acetonyl-α-ethyl-γ-butyrolactone semicarbazones, 1062.
β-2-Keto*cyclo*hexylpropionic acid semicarbazone, 823.
$C_{10}H_{17}O_3As$ Camphor-10-arsinic acid, 392.
$C_{10}H_{17}O_4As$ Camphor-10-arsonic acid, 392.
$C_{10}H_{17}O_5N_3$ Methyl γ-keto-β-methyl-*n*-butane-$\alpha\beta$-dicarboxylate semicarbazone, 1346.
$C_{10}H_{18}O_7S$ α-Carbethoxyethyl sulphite, 158.

$C_{10}H_{18}NBr$ 1-Bromomethyloctahydropyridocoline, and its salts, 969.
$C_{10}H_{19}ON$ 2-Hydroxy-2-ethyloctahydropyrrocoline, and its picrolonate, 1520.
1-Octahydropyridocolylcarbinols, and their salts, 969.
$C_{10}H_{18}O_3N_2$ 8-Ketononoic acid semicarbazone, 723.
$C_{10}H_{20}O_5S$ α-Carbethoxyethyl *n*-amyl sulphite, 158.
$C_{10}H_{21}O_5N$ Trimethyl α-methylglucosaminide, and its hydrochloride, 1983.
$C_{10}H_{22}O_3S$ *n*-Amyl sulphite, 158.

10 IV

$C_{10}H_5O_2NI_2$ Di-iodonitronaphthalenes, 124.
$C_{10}H_5O_2NS$ Thionaphthen-2:3-dicarboxyimide, 917.
$C_{10}H_5O_4N_2I$ 1-Iodo-4:8-dinitronaphthalene, 572.
$C_{10}H_6ON_2S$ Cyanothionaphthencarboxyamide, 918.
$C_{10}H_6O_2NBr$ 1-Bromo-2-*o*-cyanophenylacrylic acid, 936.
Bromonitronaphthalenes, 1106.
$C_{10}H_6O_2NI$ 1-Iodo-8-nitronaphthalene, 572.
$C_{10}H_7O_2NBr_2$ *o*-Cyanophenylacetylene, 936.
$C_{10}H_8O_2N_2S$ Thionaphthen-2:3-dicarboxyamide, 917.
$C_{10}H_9N_2ClS$ 2-*o*-Chlorobenzylaminothiazole, hydrochloride of, 962.
$C_{10}H_{10}ONCl$ β-Chloro-γ-phenoxybutyronitrile, 1061.
$C_{10}H_{10}O_2NBr$ Bromonitrotetralins, 1107.
6-Bromoveratrylacetonitrile, 840.
$C_{10}H_{11}O_2ClS$ γ-Chloro-α-benzylsulphonyl-Δ^{α}-propylene, 312.
$C_{10}H_{11}O_2BrS$ γ-Bromo-α-benzylsulphonylpropylenes, 312.
$C_{10}H_{11}O_3BrHg$ 2-Bromomercuri-3:4:5-trimethoxybenzoic acid, 853.
$C_{10}H_{12}O_2Cl_2S$ βγ-Dichloro-α-benzylsulphonylpropane, 312.
$C_{10}H_{12}O_2Br_2S$ βγ-Dibromo-α-benzylsulphonylpropane, 311.
$C_{10}H_{13}OClS$ γ-Chloro-β-hydroxy-α-benzylthiopropane, 313.
$C_{10}H_{13}O_3NS$ *N*-Acetyl-*p*-toluenesulphonmethylamide, 1118.
$C_{10}H_{13}O_3N_2S$ Triacetyl-2-amino-5-methyl-1:3:4-thiadiazine, 558.
$C_{10}H_{13}O_3ClS$ γ-Chloro-β-hydroxy-α-benzylsulphonylpropane, 313.
$C_{10}H_{13}O_4NS$ *N*-Acetyl-*N*-methyl-*p*-toluidine-3-sulphonic acid, brucine and sodium salts, 276.
m-Xylene-4-sulphonylglycine, 1696.
$C_{10}H_{13}N_4ClS$ 3-(4′-Amino-2′-methylpyrimidyl-5′-methyl)-4-methylthiazolium chloride, hydrochloride of, 1506.
$C_{10}H_{18}OCl_2As$ Camphor-10-dichloroarsine, 392.

10 V

$C_{10}H_{12}ON_3ClS$ 3-(4′-Hydroxy-2′-methylpyrimidyl-5′-methyl)-4′-methylthiazolium chloride, hydrochloride of, 1507.
$C_{10}H_{14}O_3NClS$ *p*-Toluenesulphon-γ-chloropropylamide, 1470.
$C_{10}H_{14}O_4NClS$ *N*-Chloropyridinium *N*-α-carbethoxyethylsulphinate, 157.

C_{11} Group.

$C_{11}H_{18}$ 1-Methyloctalin, 1151.
cis-9-Methyloctalin, 1145.
$C_{11}H_{20}$ 1-Methyldecalin, 1151.
cis-9-Methyldecalin, 1145.

11 II

$C_{11}H_6N_4$ 4:5-Dicyano-2-phenyliminazole, 1437.
$C_{11}H_8O_3$ 7-Methoxy-1:2-naphthaquinone, 1861.
$C_{11}H_8O_4$ 4:8-Dihydroxy-1-naphthoic acid, 940.
$C_{11}H_8O_5$ Piperonyltetronic acid, 1649.
$C_{11}H_8O_6$ 7-Hydroxy-5-methoxycoumarin-3-carboxylic acid, 293.
$C_{11}H_8N_4$ Benzylideneaminoiminosuccinonitrile, 1436.
Salicylideneaminoiminosuccinonitrile, 1436.
$C_{11}H_{10}O$ 2-Methylene-α-tetralone, 1170.
$C_{11}H_{10}O_2$ Phenoxypropynyl methyl ketone, 1063.
$C_{11}H_{10}O_3$ 1:2-Dihydroxy-7-methoxynaphthalene, 1861.
$C_{11}H_{10}O_4$ 7:8-Ethylenedioxychromanone, 50.
$C_{11}H_{12}O_2$ 5-Acetoxyhydrindene, 478.
5-Hydroxyacetylhydrindenes, 478.
$C_{11}H_{12}O_3$ *p*-Acetoxypropiophenone, 455.
γ-Benzoyl-*n*-butyric acid, 1015.
$C_{11}H_{12}O_4$ 5:7-Dihydroxy-2:2-dimethylchromanone, 284.
4:6-Dihydroxy-2-*iso*propyl-3-coumaranone, 285.
2-Methoxy-*m*-tolylpyruvic acid, 261.
$C_{11}H_{12}O_5$ 2:3-Ethylenedioxy-β-phenoxypropionic acid, 50.
$C_{11}H_{14}O$ 2-Allyl-*p*-tolyl methyl ether, 265.
3-Allyl-*o*-tolyl methyl ether, 262.
6-Allyl-*m*-tolyl methyl ether, 512.
γ-Phenyl-α-methylallyl methyl ethers, 217.

$C_{11}H_{14}O_2$ 7-Hydroxy-2:2-dimethylchroman, 1532.
$C_{11}H_{14}O_3$ 5:7-Dihydroxy-2:2-dimethylchroman, 283.
2:6-Dihydroxy*iso*valerophenone, 278.
3-*iso*Propyl-Δ^4-tetrahydrophthalic anhydride, 1074.
$C_{11}H_{16}O$ 2-Ketomethyl-$\Delta^{1:9}$-octalins, 58.
2-Methyl-$\Delta^{9:10}$-1-octalone, 822.
$C_{11}H_{16}O_3$ Tetrahydrotubanol, 278.
$C_{11}H_{17}N$ *p*-Amino-*n*-amylbenzene, and its hydrochloride, 1120.
$C_{11}H_{18}O$ 2-Keto-10-methyldecalin, 59.
2-Methyl-1-decalone, 822.
cis-9-Methyl-2-decalone, 1143.
$C_{11}H_{18}O_2$ γ-Δ^1-*cyclo*Hexenyl-α-methylbutyric acid, 822.
$\Delta^{9:10}$-Undecynoic acid, hydration of, 1501.
$C_{11}H_{18}O_4$ *cis*-1-Methyl*cyclo*hexane-1:2-diacetic acid, 1144.
$C_{11}H_{18}O_6$ Octane-$\alpha\delta\theta$-tricarboxylic acid, 821.
$C_{11}H_{20}O$ 1-Methyl-1-decalol, 1151.
cis-9-Methyl-2-decalol, 1143.
$C_{11}H_{20}O_2$ Δ^{10}-*n*-Undecenoic acid, synthesis of, 1971.
$C_{11}H_{20}O_3$ Ethyl 8-ketononoate, 723.
9-Ketoundecoic acid, 950.
$C_{11}H_{20}O_4$ β-Methylsebacic acid, 1978.
$C_{11}H_{22}O_3$ 9-Hydroxyundecoic acid, 951.
$C_{11}H_{22}O_6$ Tetramethyl methylglucopyranoside, 1924.

11 III

$C_{11}H_7O_2Br$ 3-Bromo-1-naphthoic acid, 1767.
3-Bromo-2-naphthoic acid, 1528.
$C_{11}H_9O_3N$ 2-Carbomethoxyindole-3-aldehyde, 469.
Methyl *iso*carbostyril-3-carboxylate, 475.
$C_{11}H_9O_4Br$ Butyl bromomalonates, 1811.
$C_{11}H_9O_4N_3$ Acetylnitromethylphthalaz-1:4-diones, 35.
$C_{11}H_{10}O_2N_2$ *N-iso*Propylideneaminophthalide, 21.
$C_{11}H_{10}O_3N_2$ 3-*N*-Acetyl-3-methylaminophthalimide, 589.
$C_{11}H_{10}O_4N_4$ 5-Acetcarbamidophthalaz-1:4-dione, 1843.
$C_{11}H_{11}O_3Br$ 6-Bromo-5-acetoxyhydrindene, 478.
6-Bromo-5-hydroxy-4-acetylhydrindene, 478.
$C_{11}H_{11}O_3N_3$ 5-Acetamido-2-methylphthalaz-1:4-dione, 1846.
5-*N*-Acetylmethylaminophthalaz-1:4-dione, 589.
*cyclo*Pentane-1:2-dione *p*-nitrophenylhydrazone, 811.
$C_{11}H_{11}O_3Cl$ Chloromethyl α-acetoxybenzyl ketone, 1914.
$C_{11}H_{11}N_3S$ 2-Keto-4-methyl-2:3-dihydrothiazole-2-benzylidenehydrazone, and its hydrochloride, 557.
$C_{11}H_{12}O_2N_2$ *N*-Ethylglycinephenylhydantoin, 1694.
N-Methylalaninephenylhydantoin, 1695.
$C_{11}H_{12}N_2S$ Thioformyltryptamine, 363.
$C_{11}H_{12}N_4S_2$ 2-Anilinothioformamido-5-methyl-1:3:4-thiadiazine, 558.
$C_{11}H_{13}ON$ 3-Ethoxymethylindole, 1929.
$C_{11}H_{13}O_2N$ 5-Cyano-4-ethylveratrole, 431.
$C_{11}H_{13}O_3N$ Benzoyl-*N*-methylalanine, 1695.
*iso*Propyl hydroxymethylene-2-pyridylacetate, 967.
$C_{11}H_{13}O_3N_3$ 7-Methoxychromanone semicarbazone, 1534.
$C_{11}H_{13}O_4N_3$ ω-Aldehydovaleric acid *o*-nitrophenylhydrazone, 811.
$C_{11}H_{14}O_2N_2$ Trimethylethylene nitrosoketoanilide, 375.
$C_{11}H_{14}O_4S$ Ethyl benzylsulphonylacetate, 315.
$C_{11}H_{15}ON$ 4-*iso*Propylacetanilide, 1595.
$C_{11}H_{15}OBr$ 5-Phenoxy-*n*-amyl bromide, 1976.
$C_{11}H_{15}O_2Cl$ 4:5-Dimethoxy-2-ethylbenzyl chloride, 431.
$C_{11}H_{16}O_2N_2$ *r*-Pilocarpine, resolution of, 1064.
$C_{11}H_{16}O_{12}N_2$ 2:3-Diacetyl β-methylglucoside 4:6-dinitrate, 1717.
4:6-Diacetyl β-methylglucoside 2:3-dinitrate, 1716.
$C_{11}H_{17}ON$ 2-Methyl-$\Delta^{9:10}$-1-octalone oxime, 822.
$C_{11}H_{17}ON_3$ 5-Ketomethyl-$\Delta^{4:9}$-tetrahydrohydrindene semicarbazones, 59.
$C_{11}H_{17}O_2N$ *m*-Aminobenzaldehyde diethylacetal, 1891.
4:5-Dimethoxy-2-ethylbenzylamine, and its picrolonate, 431.
$C_{11}H_{17}O_3N$ Ethyl 1-keto-octahydropyrrocoline-2-carboxylate, 1523.
Ethyl 3-keto-octahydropyrrocoline-1-carboxylate, 968.
$C_{11}H_{18}O_4Br_2$ Butyl dibromomalonates, 1811.
$C_{11}H_{19}ON$ Methyl-1-decalone oximes, 822.
2-Methyl-5-diethylaminomethyl*cyclo*pentanone, 59.
$C_{11}H_{19}ON_3$ 8-Methyl-1-hydrindanone semicarbazone, 816, 1161.
cis-8-Methyl-2-hydrindanone semicarbazone, 1144.
$C_{11}H_{19}O_3N$ 2-Methyl*cyclo*pentanone-3-carboxydiethylamide, 1589.
$C_{11}H_{19}O_3N_3$ γ-Benzoyl-$\beta\beta$-dimethyl-*n*-butyric acid semicarbazone, 1015.
$C_{11}H_{19}O_4N$ 3-Carboxy-2:2:5:5-tetramethylpyrrolidine-1-acetic acid, 1525.

$C_{11}H_{21}O_2N_3$ *dl*-1-Hydroxymenthone semicarbazone, 237.
$C_{11}H_{21}O_2Br$ Bromoundecoic acids, 951.
$C_{11}H_{21}O_3N_3$ 9-Ketodecoic acid semicarbazone, 723.

11 IV

$C_{11}H_7ON_4Br$ *m*-Bromosalicylideneaminoiminosuccinonitrile, 1436.
$C_{11}H_8O_3NI$ Phthalo-ω-iodoacetonylimide, 1167.
$C_{11}H_9ON_2Br$ 3-Bromo-2-naphthoic hydrazide, 1528.
$C_{11}H_9ON_2S_3$ 3:4-Dithiocarbamidophenylthiourethane, 1360.
$C_{11}H_{11}NCl_2S$ *N*-*o*-Chlorobenzyl-4-methylthiazolium chloride, 962.
$C_{11}H_{11}N_2ClS$ 2-*o*-Chlorobenzylamino-4-methylthiazole, hydrochloride of, 962.
$C_{11}H_{12}NClS$ *N*-Benzyl-4-methylthiazolium chloride, 962.
$C_{11}H_{12}NIS$ *N*-*o*-Tolyl-4-methylthiazolium iodide, 962.
$C_{11}H_{14}NCl_3S$ *p*-Diethylaminophenyltrichloromethylthiol, 1633.
$C_{11}H_{14}N_2Cl_2S$ *N*-*o*-Aminobenzyl-4-methylthiazolium chloride, 962.
$C_{11}H_{14}N_2I_2S$ *N*-*o*-Aminobenzyl-4-methylthiazolium iodide, 962.
$C_{11}H_{15}O_4NS$ Mesitylenesulphonylglycine, 1696.
m-Xylene-4-sulphonylsarcosine, 1696.
$C_{11}H_{15}NClBr$ *p*-Chlorophenyldimethylallylammonium bromide, 615.
$C_{11}H_{15}NBrI$ *p*-Iodophenyldimethylallylammonium bromide, 615.
$C_{11}H_{15}NBrF$ *p*-Fluorophenyldimethylallylammonium bromide, 615.

11 V

$C_{11}H_{11}O_3N_2ClS$ *N*-*o*-Nitrobenzyl-4-methylthiazolium chloride, 962.
$C_{11}H_{16}O_2NClS$ *p*-Toluenesulphon-(β-chloroethyl)ethylamide, 1470.

C_{12} Group.

$C_{12}H_{12}$ 1:8-Dimethylnaphthalene, 1156.
$C_{12}H_{16}$ 2:2-Dimethyltetralin, 257.
$C_{12}H_{20}$ 1:10-Dimethyloctalin, 1145.
$C_{12}H_{22}$ 1:10-Dimethyldecalin, 1145.

12 II

$C_{12}H_8O_4$ Bergapten, structure and synthesis of, 293.
$C_{12}H_{10}O_4$ 1-Hydroxy-5-methoxy-2-naphthoic acid, 940.
$C_{12}H_{11}N_3$ Diazoaminobenzene, dipole moment of, 1808.
$C_{12}H_{12}O_4$ 5:7-Dimethoxy-6-methylcoumarin, 288.
$C_{12}H_{12}O_5$ Veratryltetronic acid, 1649.
$C_{12}H_{12}O_6$ Veratroylpyruvic acid, 1648.
$C_{12}H_{14}O$ 2:2-Dimethyl-1-tetralone, 257.
4:5-Dimethyl-1-tetralone, 1156.
$C_{12}H_{14}O_2$ 7-Hydroxy-2:2:4-trimethyl-Δ^3-chromen, 1534.
α-Phenyl-γ-methylallyl acetates, 215.
$C_{12}H_{14}O_3$ Acid, from oxidation of anisoxide, 515.
β-Benzoyl-αα-dimethylpropionic acid, 256.
Ethyl γ-phenoxycrotonate, 1059.
7-Hydroxy-6-formyl-2:2-dimethylchroman, 1544.
6-Methoxy-2-*iso*propyl-β-coumaranone, 1533.
$C_{12}H_{14}O_4$ 5:7-Dihydroxy-8-formyl-2:2-dimethylchroman, 290.
5-Hydroxy-7-methoxy-2:2-dimethylchromanone, 1539.
7-Hydroxy-5-methoxy-2:2-dimethylchromanone, 1539.
$C_{12}H_{14}O_5$ γ-(2-Carboxy-5-methoxyphenyl)butyric acid, 71.
$C_{12}H_{14}O_6$ Ethyl quinol-2:3-dicarboxylate, 483.
Veratrylsuccinic acid, 836.
$C_{12}H_{14}O_8$ Methyl 2-keto-3-methyl-2:5-dihydrofuran-5-malonate-5-carboxylate, 1345.
$C_{12}H_{16}O$ Cuminyl methyl ketone, 763.
$C_{12}H_{16}O_2$ β-Benzyl-αα-dimethylpropionic acid, 256.
Methyl δ-phenoxybutyl ketone, 724.
$C_{12}H_{16}O_3$ β-Asarone, 1338.
7-Hydroxy-5-methoxy-2:2-dimethylchroman, 1540.
$C_{12}H_{16}O_4$ Ethyl *p*-hydroxy-γ-phenoxybutyrate, 1061.
α-3-Methoxyphenoxy*iso*valeric acid, 1534.
$C_{12}H_{17}O_3$ 5-Hydroxy-7-methoxy-2:2-dimethylchroman, 1539.
$C_{12}H_{18}O$ 1:6-Dimethyl-$\Delta^{6:10}$-4-octalone, 823.
$C_{12}H_{18}O_4$ β-Δ^1-*cyclo*Hexenylethylmethylmalonic acid, 822.
$C_{12}H_{18}O_5$ *cyclo*Hexanone-2:6-ββ′-dipropionic acid, 946.
α-2:4:5-Trimethoxyphenyl-β-methylethylene glycol, 1340.
$C_{12}H_{18}S_2$ γ-Benzylthio-α-ethylthiopropane, 314.
$C_{12}H_{19}N$ *p*-Amino-*n*-hexylbenzene, and its salts, 1121.
n-Hexylaniline, and its hydrobromide, 1121.
$C_{12}H_{20}O_2$ γ-(4-Methyl-Δ^1-*cyclo*hexenyl)valeric acid, 823.
$C_{12}H_{20}O_3$ Ethyl γ-2-keto*cyclo*hexylbutyrate, 821.

$C_{12}H_{20}O_4$ $\beta\beta'$-Bistetrahydrofuryl*iso*butyric acid, 720.
Methyl 2-carbomethoxy-1:1-dimethyl*cyclo*butane-3-β-propionate, 75.
Methyl *dl*-2-carbomethoxymethyl-1:1-dimethyl*cyclo*butane-3-acetate, 75.
Methyl homocaryophyllenate, 75.
Δ^{α}-*n*-Nonenylmalonic acid, 1974.
$C_{12}H_{20}O_5$ Ethyl tetrahydrofurfurylmalonate, 719.
$C_{12}H_{20}O_7$ Gluconic acid diacetone, 796.
$C_{12}H_{22}O$ 2:6-Dimethyl-1-Δ^{γ}-butenyl*cyclo*hexanol, 1145.
$C_{12}H_{22}O_2$ Dihydrocitronellylideneacetic acids, 1590.
$C_{12}H_{22}O_2$ Menthane-1:3-diol acetate, 238.
$C_{12}H_{22}O_7$ Pentamethyl gluco-ascorbic acid, 553.

12 III

$C_{12}H_2O_2Br_4$ Tetrabromoacenaphthenequinone, 1762.
$C_{12}H_3O_2Br_3$ Tribromoacenaphthenequinone, 1762.
$C_{12}H_3O_3Br_3$ Tribromonaphthalic anhydride, 1766.
$C_{12}H_4O_3Br$ 3-Bromonaphthalic anhydride, 1765.
$C_{12}H_8O_4N_2$ α-Methyl-lævulic acid *p*-nitrophenylhydrazone, 1346.
$C_{12}H_7NCl_5$ 2:4:6:2′:4′-Pentachlorodiphenylamine, 1956.
$C_{12}H_8O_2N_2$ Norharmancarboxylic acid, 472.
$C_{12}H_9O_2Br$ Methyl 3-bromo-1-naphthoate, 1767.
$C_{12}H_8O_2Br_2$ Methyl 1:6-dibromo-2-naphthoate, 1103.
$C_{12}H_8O_3N_2$ 2-Keto-2:3-dihydro-β-carboline-4-carboxylic acid, 470.
$C_{12}H_8O_4N_2$ 2-Phenylpyrimidine-4:6-dicarboxylic acid, 495.
$C_{12}H_8NCl$ 4-Chlorocarbazole, 1128.
$C_{12}H_6NCl_3$ 2:4:4′-Trichlorodiphenylamine, 1955.
$C_{12}H_9O_2N$ *p*-Nitrodiphenyl sulphide, compounds of, with sulphuric acid, 1634.
$C_{12}H_9O_2Br$ Bromo-3-acetyl-2-naphthol, 482.
Methyl 3-bromo-β-naphthoate, 1528.
$C_{12}H_9O_3N$ *p*-Nitrodiphenyl ether, compounds of, with sulphuric acid, 1634.
$C_{12}H_8NCl_3$ 2:4′-Dichlorodiphenylamine, 1955.
$C_{12}H_9NS_2$ 2-Aminothianthren, 1592.
$C_{12}H_{10}ON_2$ *p*-Hydroxyazobenzene, dipole moment of, 1858.
$C_{12}H_{10}ON_4$ Anisylideneaminoiminosuccinonitrile, 1436.
$C_{12}H_{10}O_2N_2$ 2-Phenyl-4-methylpyrimidine-6-carboxylic acid, 495.
$C_{12}H_{10}O_2Br_2$ 1:5-Dibromo-2:6-dimethoxynaphthalene, 1861.
$C_{12}H_{10}O_4N_2$ 4-Acetoxy-2-acetylphthalaz-1-one, 25.
$C_{12}H_{10}O_5N_2$ 3:6-Diacetamidophthalic anhydride, 590.
$C_{12}H_{10}O_6N_2$ 1:5-Dinitro-2:6-dimethoxynaphthalene, 1860.
$C_{12}H_{10}NCl$ 12-Chloro-2:3-dihydro-β-quinindene, 377.
$C_{12}H_{10}N_2Cl_2$ 4:4-Dichlorodiaminodiphenyls, 38.
2:4′-Dichloro-*NN*-diphenylhydrazine, 1956.
$C_{12}H_{11}O_3N$ 4-Acetyl-2-methylhomophthalimide, 1313.
Ethyl *iso*carbostyril-3-carboxylate, 475.
Methyl 1-keto-2-methyl-1:2-dihydro*iso*quinoline-3-carboxylate, 475.
$C_{12}H_{11}O_4N$ 1-Nitro-2:6-dimethoxynaphthalene, 1860.
$C_{12}H_{11}O_4N_3$ 3:6-Diacetamidophthalimide, 589.
$C_{12}H_{11}N_2Cl$ *N*-Phenyl-*N*-*p*-chlorophenylhydrazine, 1956.
$C_{12}H_{11}N_3Cl_4$ Bis-(2:4-dichloro-6-methylpyrimidyl-5-methyl)amine, 1509.
$C_{12}H_{13}ON_2$ 1-Phenyl-3:4-*cyclo*pentano-5-pyrazolone, 810.
$C_{12}H_{12}O_4N_4$ *N*-Amino-3:6-diacetamidophthalimide, 590.
5:8-Diacetamidophthalaz-1:4-dione, 590.
$C_{12}H_{12}O_5N_4$ α-Ketoadipic acid 2 : 4-dinitrophenylhydrazone, 811.
$C_{12}H_{12}NCl$ Chlorotetrahydrocarbazoles, 1127.
$C_{12}H_{13}O_2N$ 1-Aminodimethoxynaphthalenes, 1860.
$C_{12}H_{13}O_2N_3$ Phenoxypropynyl methyl ketone semicarbazone, 1063.
$C_{12}H_{12}O_2N_2$ Acetamido-2:3-dimethylphthalaz-1:4-diones, 36.
5-*N*-Acetylaminomethoxymethylphthalazones, 1844.
$C_{12}H_{13}N_2Cl$ 6-Chloro-7-aminotetrahydrocarbazole, 1128.
$C_{12}H_{13}N_3S$ 2-Keto-4-methyl-2:3-dihydrothiazole-2-α-phenylethylidenehydrazone, and its hydrochloride, 557.
$C_{12}H_{14}ON_2$ 6-Keto-3-phenyl-5:5-dimethyltetrahydropyridine, 256.
$C_{12}H_{14}O_2N_2$ Diaminodimethoxynaphthalenes, 1860.
$C_{12}H_{14}O_4Hg$ 2-Acetoxymercuri-3:4:5-trimethoxybenzaldehyde, 853.
$C_{12}H_{14}NCl$ 6-Chlorohexahydrocarbazole, 1128.
$C_{12}H_{15}O_2N_3$ *oo*′-Dimethoxydiazoaminobenzene, 324.
$C_{12}H_{15}O_3N$ Benzoyl-*N*-propylglycine, 1694.
$C_{12}H_{15}O_3N_3$ γ-Benzoyl-*n*-butyric acid semicarbazone, 1015.
$C_{12}H_{15}O_3Cl$ Ethyl β-chloro-γ-phenoxybutyrate, 1061.
$C_{12}H_{15}O_3Br$ Ethyl α-bromo-γ-phenoxybutyrate, 1059.
$C_{12}H_{15}O_4N_3$ Methyl lævulate *p*-nitrophenylhydrazone, 1618.
$C_{12}H_{16}O_3N_2$ Trimethylethylene nitrosoketo-*p*-toluidide, 375.
$C_{12}H_{16}O_3S_2$ α-Benzylsulphonyl-γ-ethylthiopropylene, 312, 313.
γ-Benzylthio-α-ethylsulphonyl-Δ^{α}-propylene, 314.

$C_{12}H_{16}O_4N_4$ *sec.*-Butylacetaldehyde 2:4-dinitrophenylhydrazone, 1045.
Diethylacetaldehyde 2:4-dinitrophenylhydrazone, 1046.
Dimethylethylacetaldehyde 2:4-dinitrophenylhydrazone, 1046.
dl-Methyl*iso*propylacetaldehyde 2:4-dinitrophenylhydrazone, 1045.
$C_{12}H_{16}O_4S$ Ethyl α-*p*-toluenesulphinoxypropionate, 156.
Tetrahydrofurfuryl *p*-toluenesulphonate, 720.
$C_{12}H_{16}O_4S_2$ α-Benzylsulphonyl-γ-ethylsulphonylpropylenes, 312.
$C_{12}H_{16}O_6N_4$ γ-Keto-β-hydroxymethyl-β-methylbutyl alcohol 2:4-dinitrophenylhydrazone, 843.
$C_{12}H_{17}O_2N_3$ Trimethylethylene nitrosonitrol-*o*-toluidide, 375.
$C_{12}H_{17}O_3N$ 5-Amino-4-ethylveratrole, 431.
$C_{12}H_{17}ClS_2$ β-Chloro-α-benzylthio-γ-ethylthiopropane, 314.
$C_{12}H_{18}OS_2$ β-Hydroxy-α-benzylthio-γ-ethylthiopropane, 314.
$C_{12}H_{18}O_3S_2$ β-Hydroxy-γ-benzylthio-α-ethylsulphonylpropane, 313.
β-Hydroxy-γ-ethylthio-α-benzylsulphonylpropane, 313.
$C_{12}H_{18}O_4S_2$ γ-Benzylsulphonyl-α-ethylsulphonylpropane, 314.
$C_{12}H_{18}O_5S_2$ β-Hydroxy-α-benzylsulphonyl-γ-ethylsulphonylpropane, 314.
$C_{12}H_{19}ON$ 1:6-Dimethyl-$\Delta^{9:10}$-4-octalone oxime, 823.
$C_{12}H_{19}ON_3$ 2-Ketomethyl-$\Delta^{1:9}$-octalin semicarbazones, 58.
2-Methyl-$\Delta^{9:10}$-1-octalone semicarbazone, 822.
$C_{12}H_{19}O_3N$ Ethyl 2-hydroxy-2-cyano-1:3-dimethyl*cyclo*hexane-1-carboxylate, 258.
$C_{12}H_{21}ON_3$ 2-Methyl-1-decalone semicarbazone, 822.
9-Methyl-1-decalone semicarbazone, 817.
cis-9-Methyl-2-decalone semicarbazone, 1143.
$C_{12}H_{21}O_2N$ Base *Z*, and its oxalate, 1820.
$C_{12}H_{21}O_4N$ Ethyl piperidino-1-acetate-4-carboxylate, 1989.
$C_{12}H_{23}ON$ 2-Methyl-6-diethylaminomethyl*cyclo*hexanone, 57.
$C_{12}H_{22}O_3N_2$ Ethyl 8-ketononoate semicarbazone, 723.
9-Ketoundecoic acid semicarbazone, 950.
$C_{12}H_{23}O_6N$ *N*-Acetyl trimethyl α- and β-methylglucosaminides, 1981.
$C_{12}H_{25}O_2N$ *N*-Bromo-11-methylaminoundecoic acid, and its hydrochloride, 716.

12 IV

$C_{12}H_4O_5NBr$ 4-Bromo-3-nitronaphthalic anhydride, 1766.
$C_{12}H_6O_2NBr$ 3-Bromoacenaphthenequinoneoxime, 1762.
3-Bromonaphthalimide, 1765.
$C_{12}H_7O_3N_2Cl$ 2-Chloro-β-carboline-4-carboxylic acid, 472.
$C_{12}H_7O_3Cl_3S_2$ 2:5-Dichlorophenyl 4-chlorobenzenethiolsulphonate, 489.
$C_{12}H_8ON_2Cl_2$ *N*-Nitroso-2:4′-dichlorodiphenylamine, 1956.
$C_{12}H_8O_2NBr$ 3-Bromo-2-nitroacenaphthene, 1766.
$C_{12}H_8O_5N_3Cl$ 4-Chloro-2′:4′-dinitro-2-hydroxydiphenylamine, 41.
5-Chloro-2′:4′-dinitro-2-hydroxydiphenyl ether, 41.
$C_{12}H_8O_5N_2I$ 5-Iodo-2′:4′-dinitro-2-aminodiphenyl ether, 40.
4-Iodo-2′:4′-dinitro-2-hydroxydiphenylamine, 40.
$C_{12}H_9ON_2Cl$ *N*-Nitroso-*p*-chlorodiphenylamine, 1956.
$C_{12}H_9NClBr$ 4-Chloro-4′-bromodiphenylamine, 1956.
$C_{12}H_{11}O_3N_2Cl$ 4-Chloro-5-nitro-6-ethoxy-2-methylquinoline, 426.
$C_{12}H_{12}ONCl$ 4-Chloro-6-ethoxy-2-methylquinoline, 426.
$C_{12}H_{15}O_2N_2I$ *N*-Methyl-3-dimethylaminophthalimide methiodide, 588.
$C_{12}H_{17}O_2ClS_2$ β-Chloro-γ-ethylthio-α-benzylsulphonylpropane, 313.
$C_{12}H_{17}O_3NS$ Thioformylmezcaline, 363.
$C_{12}H_{17}O_4NS$ Mesitylenesulphonylsarcosine, 1696.
N-*m*-Xylene-4-sulphonyl-*N*-ethylglycine, 1696.
$C_{12}H_{17}O_4ClS_2$ β-Chloro-α-benzylsulphonyl-γ-ethylsulphonylpropane, 314.
$C_{12}H_{27}ClPAu$ Chlorotri-*n*-butylphosphinegold, 1832.
$C_{12}H_{27}IPAu$ Iodotri-*n*-butylphosphinegold, 1832.

12 V

$C_{12}H_7O_4NCl_2S$ 4:4′-Dichloro-3-nitrodiphenylsulphone, 244.
$C_{12}H_7O_5N_2ClS$ 5-Chloro-2:4-dinitrodiphenyl sulphide, 248.
$C_{12}H_7O_6N_2ClS$ 5-Chloro-2:4-dinitrodiphenylsulphone, 248.
$C_{12}H_{13}ON_2ClS$ *N*-*o*-Acetamidophenyl-4-methylthiazolium chloride, 962.
$C_{12}H_{14}ON_4Cl_2S$ 3-(2′:4′-Dichloro-6′-methylpyrimidyl-5′-methyl)-5-β-hydroxyethyl-4-methylthiazolium chloride, 495.
3-(2′:4′-Dichloro-6′-methylpyrimidyl-5′-methyl)-4-methyl-5-β-hydroxyethylthiazolium chloride, 1508.
$C_{12}H_{16}ON_4Cl_2S$ 3-(2′-Chloro-4′-amino-6′-methylpyrimidyl-5′-methyl)-4-methyl-5-β-hydroxyethylthiazolium chloride, 1508.
$C_{12}H_{16}O_2N_2ClS$ 3-(4′-Hydroxy-2′-methylpyrimidyl-5′-methyl)-4-methyl-5-β-hydroxyethylthiazolium chloride, hydrochloride of, 1506.
$C_{12}H_{18}ON_4Cl_2S$ Aneurin chloride, 367.

12 VI

$C_{12}H_{14}ON_3Cl_2IS$ 3-(2′:4′-Dichloro-6′-methylpyrimidyl-5′-methyl-4-methyl-5-β-hydroxyethylthiazolium iodide, 1508.

C_{13} Group.

$C_{13}H_{12}$ α-*iso*Propenylnaphthalene, 1790.
$C_{13}H_{18}$ 2-Methyl-2-ethyltetralin, 257.

13 II

$C_{13}H_8O_3$ Dibenzfuran-3-aldehyde, 779.
$C_{13}H_9N$ Phenanthridine, and its salts, 1171.
$C_{13}H_{10}O_3$ Benzylidenephloroglucide, 843.
$C_{13}H_{10}O_7$ 7-Hydroxy-5-methoxy-6-formylcoumarin-7-*O*-acetic acid, 293.
$C_{13}H_{12}O$ 6-Methoxy-1-vinylnaphthalene, 1319.
$C_{13}H_{12}O_3$ 4:8-Dimethoxy-1-naphthaldehyde, 940.
$C_{13}H_{12}O_4$ 1:5-Dimethoxy-2-naphthoic acid, 940.
4:8-Dimethoxy-1-naphthoic acid, 940.
$C_{13}H_{12}O_6$ 5:6-Dimethoxy-6-methylcoumarin-3-carboxylic acid, 289.
$C_{13}H_{13}N$ 5:6:7:8-Tetrahydrophenanthridine, and its picrate, 1179.
$C_{13}H_{14}O_3$ 5-Acetoxy-6-acetylhydrindene, 478, 561.
Trimethoxynaphthalenes, 1861.
$C_{13}H_{14}O_4$ 7-Acetoxy-2:2-dimethylchromanone, 1532.
$C_{13}H_{14}N_2$ 9-Methyl-2:3:4:9-tetrahydrophenazine, 1703.
$C_{13}H_{16}O_3$ 5-Methoxy-7-ethoxy-8-methylcoumarin, 290.
$C_{13}H_{16}O$ 2-Methyl-2-ethyl-1-tetralone, 257.
$C_{13}H_{16}O_2$ Xanthone, structure of, 196.
$C_{13}H_{16}O_3$ γ-Benzoyl-ββ-dimethyl-*n*-butyric acid, 1015.
β-Benzoyl-α-methyl-α-ethylpropionic acid, 257.
$C_{13}H_{16}O_4$ 5:7-Dimethoxy-2:2-dimethylchromanone, 284.
7-Hydroxy-5-methoxy-6-formyl-2:2-dimethylchroman, 291.
7-Hydroxy-5-methoxy-8-formyl-2:2-dimethylchroman, 1548.
$C_{13}H_{16}N_2$ Aminomethyltetrahydrocarbazoles, 1129.
$C_{13}H_{17}O_4$ Deoxy*apo*xanthoxyletin ethyl ether, 290.
$C_{13}H_{18}O_3$ β-Benzyl-α-methyl-α-ethylpropionic acid, 257.
δ-Phenyl-ββ-dimethyl-*n*-valeric acid, 1015.
$C_{13}H_{18}O_3$ 5:7-Dimethoxy-2:2-dimethylchroman, 291.
Ethyl 2-keto-$\Delta^{1:9}$-octalin-10-carboxylate, 56.
Ethyl 5-phenoxyvalerate, 725.
5-Keto-6-carbethoxy-3-methyl-$\Delta^{4:9}$-tetrahydrohydrindene, 59.
$C_{13}H_{18}O_4$ αβ-Dihydroxy-β-cumyl-α-methylpropionic acid, 763.
$C_{13}H_{18}N_2$ Amino-6-methylhexahydrocarbazoles, 1128.
9-Methyloctahydrophenazine, 1704.
$C_{13}H_{20}O_2$ Methyl δθ-dimethyl-$\Delta^{\alpha\gamma\eta}$-nonatriene-α-carboxylate, 758.
$C_{13}H_{20}O_3$ Ethyl *cis*-2-decalone-3-carboxylate, 824.
$C_{13}H_{20}O_7$ Trimethyl gluco-ascorbic acid acetone, 553.
$C_{13}H_{21}N$ *p*-Amino-*n*-heptylbenzene, and its hydrochloride, 1122.
n-Heptylaniline, and its hydrochloride, 1122.
$C_{13}H_{22}O_4$ Ethyl 7:9-diketo-2-methyldecoate, 66.
Ethyl 2-methyl-Δ^1-*n*-hexene-1:6-dicarboxylate, 1977.
$C_{13}H_{24}O_3$ Ethyl 2-methyl-1-γ-hydroxypropyl*cyclo*hexane-2-carboxylate, 1161.

13 III

$C_{13}H_8O_2S_2$ Thianthrencarboxylic acid, 444.
$C_{13}H_9O_3S$ Phenoxthioninecarboxylic acid, and its salts, 446.
$C_{13}H_9O_2N$ Dibenzfuran-3-aldehyde oxime, 779.
$C_{13}H_9NS$ 4-Diphenylyl *iso*thiocyanate, 1700.
$C_{13}H_{10}ON_4$ Benzylideneaminoacetimidosuccinonitrile, 1436.
$C_{13}H_{10}O_3N_2$ Methyl 2-keto-2:3-dihydro-β-carboline-4-carboxylate, 470.
$C_{13}H_{10}N_2O_2$ Methyl norharmancarboxylate, 472.
$C_{13}H_{10}N_2S$ *N*-Thiocarbimidodiphenylamine, 1362.
$C_{13}H_{11}O_2Br$ Methyl 8-bromo-7-methoxy-1-naphthoate, 537.
$C_{13}H_{11}O_5N_3$ 2′:4′-Dinitro-2-amino-5-methyldiphenyl ether, 40.
2′:4′-Dinitro-2-hydroxy-4-methyldiphenylamine, and its salts, 40.
$C_{13}H_{11}O_6N_3$ 2′:4′-Dinitro-2-amino-5-methoxydiphenyl ether, 39.
2′:4′-Dinitro-2-hydroxy-4-methoxydiphenylamine, 39.
$C_{13}H_{12}O_2N_2$ 1-Nitro-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.
$C_{13}H_{12}NCl$ 3-Chloro-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.
$C_{13}H_{12}NBr$ 3-Bromo-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.
$C_{13}H_{11}N_3Br$ 1-*p*-Bromophenyl-3-phenyl-3-methyltriazen, 324.
$C_{13}H_{13}O_3I$ 8-Iodo-1:2:7-trimethoxynaphthalene, 1862.
$C_{13}H_{13}O_5N$ Nitrotrimethoxynaphthalenes, 1862.
$C_{13}H_{14}O_2N_2$ 8-Nitro-6-methyltetrahydrocarbazole, 1128.
$C_{13}H_{15}O_3N$ 8-Amino-1:2:7-trimethoxynaphthalene, 1862.
$C_{13}H_{15}O_4N$ Methyl 1-keto-1:2-dihydro*iso*quinoline-3-orthoformate, and its potassium salt, 474.
$C_{13}H_{15}O_6N_3$ α-Ketopimelic acid *p*-nitrophenylhydrazone, 813.
$C_{13}H_{15}N_2I$ 1:2:3:4-Tetrahydrophenazine methiodide, 1703.
$C_{13}H_{16}ON_2$ 6-Hydroxy-3-phenyl-5-methyl-5-ethyltetrahydropyridazine, 257.

$C_{13}H_{16}O_3N_2$ ω-Aldehydo-γ-keto-α-phenyl-Δ^{α}-hexenedione, 302.
Methyl-Δ^1-*cyclo*hexene nitrosoketoanilide, 375.
Donaxarine, 1928.
$C_{13}H_{16}O_4N_2$ α-Ketopimelic acid phenylhydrazone, 812.
$C_{13}H_{16}O_6N_4$ αγ-Methylenedioxy-β-acetyl-β-methylpropane 2:4-dinitrophenylhydrazone, 844.
$C_{13}H_{17}ON$ Methyl-Δ^1-*cyclo*hexeneketoanilide, 375.
$C_{13}H_{17}O_3N_3$ Methyl-Δ^1-*cyclo*hexenenitrosonitrolanilide, 375.
$C_{13}H_{17}O_4N$ Ethyl 4-carbethoxyphenylaminoacetate, 454.
Ethyl 2-pyridylsuccinate, and its picronolate, 968.
$C_{13}H_{17}O_7N_3$ Methyl α-methyl-lævulate *p*-nitrophenylhydrazone, 1346.
$C_{13}H_{18}ON_2$ Methyl-Δ^1-*cyclo*hexenenitrolanilide, 375.
$C_{13}H_{19}ON$ *p*-Acetamido-*n*-amylbenzene, 1120.
$C_{13}H_{19}ON_3$ Cuminyl methyl ketone semicarbazone, 763.
$C_{13}H_{19}O_2N$ Ethyl hexahydroquinaldine-3-carboxylate, and its picronolate, 1529.
$C_{13}H_{19}O_2N$ Ethyl 2-γ-cyanopropyl*cyclo*hexanone-2-carboxylate, 821.
$C_{13}H_{19}O_4N$ Ethyl cyanonorcaryophyllenate, 1341.
$C_{13}H_{19}O_{11}N$ 2:3:6-Triacetyl β-methylglucoside 4-nitrate, 1717.
$C_{13}H_{19}N_2I$ Octahydrophenazine methiodide, 1704.
Gramine ethiodide, 1929.

13 III

$C_{13}H_{20}O_6N_2$ Fructosemethylphenylhydrazone, 1324.
$C_{13}H_{20}O_{12}N_2$ 6-Acetyl 4-α-acetoxyethyl β-methylglucoside, 1715.
$C_{13}H_{21}ON_3$ 1:6-Dimethyl-$\Delta^{9.10}$-4-octalone semicarbazone, 823.
$C_{13}H_{21}O_2N$ 4:5-Dimethoxy-2-ethylbenzyldimethylamine, and its picrate, 429, 432.
Tigloidine, and its salts, 1820.
$C_{13}H_{21}O_3N$ Ethyl α-carbethoxy-γ-cyano-β-ethoxymethylbutyrate, 1062.
$C_{13}H_{22}O_4Br_2$ *iso*Amyl dibromomalonate, 1811.
$C_{13}H_{23}O_2N$ Dihydrotigloidine, 1822.
$C_{13}H_{23}O_2I$ Ethyl 2-methyl-1-(γ-iodopropyl)*cyclo*hexane-2-carboxylate, 817.
$C_{13}H_{23}O_3N$ Valeroidine, and its salts, 1820.
$C_{13}H_{23}O_3N_3$ γ-(2-Keto-4-methyl*cyclo*hexyl)valeric acid semicarbazone, 823.
$C_{13}H_{23}O_4N$ Ethyl piperidyl-1:2-diacetate, 1520.
$C_{13}H_{23}O_4Br$ Amyl bromomalonates, 1811.

13 IV

$C_{13}H_6ONBr_3$ 1:3:7-Tribromoacridone, 1958.
$C_{13}H_7ONCl_4$ 2:4:4′-Trichlorodiphenylcarbamyl chloride, 1956.
$C_{13}H_8O_2NBr_3$ 4:6:4′-Tribromodiphenylamine-2-carboxylic acid, 1958.
$C_{13}H_8O_3N_2I_2$ 2:4:6-Tri-iodo-3-methoxylbenzaldehyde *p*-nitrophenylhydrazone, 77.
$C_{13}H_8O_5N_4I_2$ Di-iodonitro-3-hydroxybenzaldehyde *p*-nitrophenylhydrazones, 78.
$C_{13}H_9O_7N_3I$ 4-Iodo-2:6-dinitro-3-hydroxybenzaldehyde *p*-nitrophenylhydrazone, 78.
$C_{13}H_9ONS$ Thianthrencarboxyamide, 444.
$C_{13}H_9O_2N_2Cl$ Methyl 2-chloro-β-carboline-4-carboxylate, 472.
$C_{13}H_9O_2N_3S$ 5-Nitro-1-anilinobenzthiazole, and its picrate, 1516.
$C_{13}H_9N_2ClS$ 5-Chloro-1-anilinobenzthiazole, and its picrate, 1516.
$C_{13}H_9N_2BrS$ 5-Bromo-1-anilinobenzthiazole, and its picrate, 1515.
$C_{13}H_{10}O_3NCl$ Chloronitromethyldiphenyl ethers, 1021.
$C_{13}H_{10}O_3N_2S$ *N*-Methylphenazoniumsulphonic acid betaine, 1710.
$C_{13}H_{10}O_3N_2I$ 6-Iodo-3-hydroxybenzaldehyde *p*-nitrophenylhydrazone, 77.
$C_{13}H_{10}O_4NBr$ α-Bromo-δ-phthalimido-γ-valerolactone, 1168.
$C_{13}H_{11}O_3N_2S$ *N*-Methylphenazylsulphonic acid betaine, 1710.
$C_{13}H_{11}O_6N_2S_2$ *N*-Methylphenazyldisulphonic acid betaine, sodium hydrogen salt, 1710.
$C_{13}H_{12}O_2NBr$ 3-Bromo-2-naphthylurethane, 1529.
$C_{13}H_{12}O_3N_2S$ *N*-Methyldihydrophenazinesulphonic acid, sodium salt, 1709.
$C_{13}H_{13}O_2N_2Cl$ 8-Chloro-5-nitro-3-methyltetrahydrocarbazole, 1129.
$C_{13}H_{13}O_2N_2Br$ 8-Bromo-5-nitro-6-methyltetrahydrocarbazole, 1128.
$C_{13}H_{13}O_5NS$ *N*-2-Methoxynaphthalene-1-sulphonylglycine, 1696.

13 V

$C_{13}H_9O_4N_2ClS$ 5-Chloro-2:4-dinitro-4′-methyldiphenyl sulphide, 247.
$C_{13}H_9O_6N_2ClS$ 5-Chloro-2:4-dinitro-4′-methyldiphenylsulphone, 248.
$C_{13}H_{10}O_2NClS$ Chloronitro-4′-methyldiphenyl sulphides, 245.
$C_{13}H_{10}O_3NClS$ Chloronitrohydroxymethyldiphenyl sulphides, 1019.
$C_{13}H_{10}O_4NClS$ Chloronitro-4′-methyldiphenylsulphones, 245.
$C_{13}H_{11}O_2ClS$ 2-Chloro-4′-methyldiphenylsulphone, 245.
$C_{13}H_{12}O_2NClS$ Chloroamino-4′-methyldiphenylsulphones, 245.
$C_{13}H_{12}ON_2ClS$ 2-Methylaneurin chloride, salts of, 1507.
$C_{13}H_{23}O_2NSP$ Triethylphosphine-*p*-toluenesulphonylimine, 535.
$C_{13}H_{24}O_2N_4S$ *p*-Toluenesulphonyl-*NN′*-bis-(β-aminoethyl)ethylenediamine, trihydrochloride of, 1471.

C_{14} Group.

$C_{14}H_{12}$ *as*-Diphenylethylene, polymerisation of, 1790.

14 II

$C_{14}H_8O_6$ Tetrahydroxyanthraquinones, 254.
$C_{14}H_9N_3$ 2′:4-Anhydro-2′-amino-3-phenylphthalaz-4-one, 96.
$C_{14}H_{10}O_6$ Hydroxyjuglone diacetate, 1600.
$C_{14}H_{10}N_2$ *N*-Methylphenazyl-2-nitrile, 1709.
$C_{14}H_{11}N$ 7-Methylphenanthridine, and its picrate, 1172.
$C_{14}H_{11}N_3$ *N*-Methyldihydrophenazine-2-nitrile, 1709.
$C_{14}H_{12}O_2$ *l*-Benzoin, rotation of, in various solvents, 139.
$C_{14}H_{12}O_3$ Xanthyletin, constitution of, 1542.
$C_{14}H_{12}Cl_2$ 2:2′-Dichloro-4:4′-dimethyldiphenyl, 269.
$C_{14}H_{12}I_2$ 2:2′-Di-iodo-4:4′-dimethyldiphenyl, 270.
$C_{14}H_{12}F_2$ 2:2′-Difluoro-4:4′-dimethyldiphenyl, 268.
$C_{14}H_{12}S_2$ Diphenylthioethylene, 769.
$C_{14}H_{13}N_3$ *N*-Ethylphenazyl, 1710.
$C_{14}H_{13}Cl$ 2-Chloro-4:4′-dimethyldiphenyl, 268.
$C_{14}H_{13}Br$ 2-Bromo-4:4′-dimethyldiphenyl, 269.
$C_{14}H_{13}F$ 2-Fluoro-4:4′-dimethyldiphenyl, 268.
$C_{14}H_{13}I$ 2-Iodo-4:4′-dimethyldiphenyl, 270.
$C_{14}H_{14}O$ 2-Hydroxy-4:4′-dimethyldiphenyl, 271.
$C_{14}H_{14}O_2$ 1-Keto-7-hydroxyhexahydrophenanthrene, 63.
5-Methoxy-2-allyl-1-naphthol, 939.
5-Methoxy-1-methyl-1:2-dihydro-α-naphthafuran, 939.
5-Methoxy-1-naphthyl allyl ether, 939.
$C_{14}H_{14}O_3$ Dihydroxanthyletin, 1544.
γ-5-Hydroxy-1-naphthylbutyric acid, 1621.
β-(6-Methoxy-1-naphthyl)propionic acid, 70.
$C_{14}H_{14}O_4$ Methyl 1:5-dimethoxy-2-naphthoate, 940.
Methyl 4:8-dimethoxy-1-naphthoate, 940.
$C_{14}H_{14}O_5$ 5-Methoxy-7-ethoxy-8-methylcoumarin-3-carboxylic acid, 290.
$C_{14}H_{14}N_2$ *N*-Ethyldihydrophenazine, 1710.
$C_{14}H_{15}N$ Methyltetrahydrophenanthridines, and their picrates, 1171.
$C_{14}H_{15}N_3$ 3-Phenyl-1-*m*-tolyl-3-methyltriazen, 324.
$C_{14}H_{16}O_3$ β-(6-Methoxy-3:4-dihydro-1-naphthyl) propionic acid, 70.
Tetrahydroxanthyletin, 1545.
$C_{14}H_{16}O_4$ *cis*-*p*-Phenoxymethyl-α-ethylglutaric anhydride, 1060.
$C_{14}H_{16}O_6$ Ethyl veratroylpyruvate, 1648.
$C_{14}H_{18}O$ Anisoxide, 513.
$C_{14}H_{18}O_2$ 4-Phenyl*cyclo*hexylacetic acid, 1560.
$C_{14}H_{18}O_3$ γ-Benzoyl-β-methyl-β-ethyl-*n*-butyric acid, 1015.
4-Hydroxy-7-*m*-methoxyphenylheptolactone, 69.
β-(6-Methoxy-1:2:3:4-tetrahydro-1-naphthyl)propionic acid, 70.
$C_{14}H_{18}O_4$ 2:6-Dimethoxy-4-ethoxy-3-methylcinnamic acid, 290.
5:7-Dimethoxy-6-formyl-2:2-dimethylchroman, 291.
5:7-Dimethoxy-8-formyl-2:2-dimethylchroman, 1548.
4-Keto-7-*m*-methoxyphenylheptoic acid, 69.
$C_{14}H_{18}O_5$ 5:7-Dimethoxy-2:2-dimethylchroman-6-carboxylic acid, 292.
β-Phenoxymethyl-α-ethylglutaric acids, 1060.
$C_{14}H_{20}O$ Dihydroanisoxide, 515.
2-Keto-$\Delta^{1:13}$-dodecahydroanthracene, 59.
$C_{14}H_{20}O_2$ δ-Phenyl-β-methyl-β-ethyl-*n*-valeric acid, 1015.
$C_{14}H_{20}O_3$ 8-Phenoxyoctoic acid, 725.
$C_{14}H_{22}O_3$ Ethyl 3-methyl-2-decalone-3-carboxylates, 825.
$C_{14}H_{22}O_5$ Ethyl 2-carbethoxy*cyclo*hexanone-2-β-propionate, 944.
Ethyl 6-carbethoxy*cyclo*hexanone-2-β-propionate, 945.
$C_{14}H_{23}N$ *n*-Octylaniline, 1122.
$C_{14}H_{24}O_5$ Ethyl α-acetylsuberate, 722.
$C_{14}H_{24}O_7$ Methyl 2-methylgluconate diacetone, 796.
$C_{14}H_{26}O$ Perhydroanisoxide, 514.
$C_{14}H_{26}O_2$ Ethyl Δ^1-dihydrocitronellylideneacetate, 1590.
$C_{14}H_{26}O_3$ 12-Acetyl-lauric acid, 1001.
Ethyl 2-methyl-1-γ-methoxypropyl*cyclo*hexane-2-carboxylate, 1160.
$C_{14}H_{26}O_4$ 4:13-Diketotetradecoic acid, 714.
Ethyl 2-methyl-1-γ-methoxypropyl*cyclo*hexan-1-ol-2-carboxylate, 65.
$C_{14}H_{26}O_5$ 5-Carbethoxyamyl 6-hydroxyhexoate, 373.
$C_{14}H_{28}O_3$ Hydroxy*iso*myristic acid, 713.

14 III

$C_{14}H_9N_3Cl$ 2′:4-Anhydro-4′-chloro-2′-amino-3-phenylphthalaz-4-one, 97.
$C_{14}H_9O_4N_3$ 3-Nitro-*N*-anilinophthalimide, 31.
$C_{14}H_{10}ON_2$ 3-Hydroxy-2-phenylquinoxaline, 549.
$C_{14}H_{10}Cl_2S_2$ *s*-Dichlorodiphenylthioethylene, 770.
$C_{14}H_{11}OBr$ *p*-Bromodeoxybenzoin, 847.
$C_{14}H_{11}O_2N_3$ 3-Amino-*N*-anilinophthalimide, 1844.
Dibenzfuran-3-aldehyde semicarbazone, 779.

$C_{14}H_{11}O_2Br$ 2-Bromo-*p*-tolyl benzoate, 264.
$C_{14}H_{11}O_3N_3$ Phenylglyoxal *p*-nitrophenylhydrazone, 370.
$C_{14}H_{11}O_4Br$ Methyl 3-bromonaphthalate, 1765.
$C_{14}H_{12}ON_2$ Keto-*N*-ethylphenazines, 1710.
$C_{14}H_{12}O_2N_2$ Methyl 1-methyl-β-carboline-4-carboxylate, 473.
$C_{14}H_{12}O_3N_2$ Ethyl 2-keto-2:3-dihydro-β-carboline-4-carboxylate, 470.
Methyl 2-keto-3-methyl-2:3-dihydro-β-carboline-4-carboxylate, 471.
$C_{14}H_{12}O_5N_4$ Anisaldehyde 2:4-dinitrophenylhydrazone, 369.
$C_{14}H_{12}O_6N_2$ 3:3′-Dinitro-4:4′-dimethoxydiphenyl, 38.
$C_{14}H_{12}O_6S$ 2-*O*-*p*-Toluenesulphonylphloroglucinaldehyde, 455.
$C_{14}H_{13}O_3N$ 2-Nitro-4-benzyloxytoluene, 1726.
$C_{14}H_{14}O_5N_4$ 3:6-Diacetamido-*N*-acetamidophthalimide, 590.
$C_{14}H_{14}O_3S_2$ (Benzenesulphonyl) (methylsulphonyl)benzoylmethane, 1512.
$C_{14}H_{14}O_7N_4$ Ethyl 2-(2′:4′-dinitrobenzeneazo)*cyclo*pentanone-2-carboxylate, 811.
$C_{14}H_{14}NF$ 2-Fluoro-2′-amino-4:4′-dimethyldiphenyl, 268.
$C_{14}H_{15}ON$ 3-Methoxy-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.
$C_{14}H_{15}ON_3$ 1-Methoxyphenyl-3-phenyl-3-methyltriazens, 324.
$C_{14}H_{15}O_3Br$ β-(6-Methoxy-3:4-dihydro-1-naphthyl)propionobromolactone, 70.
$C_{14}H_{16}O_2N_2$ 3:3′-Diamino-4:4′-dimethoxydiphenyl, and its hydrochloride, 38.
$C_{14}H_{16}O_8N_4$ Ethyl hydrogen α-ketoadipate 2:4-dinitrophenylhydrazone, 811.
$C_{14}H_{16}N_2S_2$ 3:3′-Diamino-4:4′-dimethylthioldiphenyl, and its salts, 38.
$C_{14}H_{17}O_2N$ Ethyl *cyclo*pentanone-2-carboxylate anil, 810.
$C_{14}H_{17}O_3N$ β-Phenoxymethyl-α-ethylglutarimide, 1060.
$C_{14}H_{17}O_4N$ Methyl 1-keto-2-methyl-1:2-dihydro*iso*quinoline-3-orthoformate, 475.
$C_{14}H_{17}O_5N$ 4-Carbethoxymethylamino-ω-acetoxyacetophenone, 454.
$C_{14}H_{18}O_4S_2$ βδ-Bis(ethylsulphonyl)-α-phenylbutadiene, 318.
$C_{14}H_{19}ON$ Δ^6-*n*-Heptenoic acid *p*-toluidide, 1973.
4-Phenyl*cyclo*hexylacetamide, 1560.
$C_{14}H_{19}O_3N_3$ 2-Hydroxymethyl-4-methyl*cyclo*hexanone *p*-nitrophenylhydrazone, 1170.
$C_{14}H_{20}O_4S_2$ α-Benzylsulphonyl-γ-ethylsulphonyldimethylpropylene, 320.
$C_{14}H_{20}O_7S$ 3-*p*-Toluenesulphonyl-5-methyl methylxylofuranosides, 1601.
$C_{14}H_{21}ON$ *p*-Acetamido-*n*-hexylbenzene, 1121.
$C_{14}H_{21}O_3N$ 9-2′-Pyrroylnonoic acid, 717.
$C_{14}H_{22}O_6S_2$ α-Benzylsulphonylbis(ethylsulphonyl)propane, 312.
$C_{14}H_{23}O_3N_3$ 3-Carbethoxy-1-methyl-4-*iso*propenyl*cyclo*hexan-2-one-1-β-propionic acid semicarbazone, 1579.
$C_{14}H_{23}O_4N$ Ethyl α-cyano-γ-acetyl-β-ethoxymethyl-α-ethylbutyrate, 1063.
$C_{14}H_{25}O_2N$ Carpaine, constitution of, 711.
$C_{14}H_{25}O_3Br$ 13-Bromo-4-ketotetradecoic acid, 714.
$C_{14}H_{25}O_4N$ Ethyl piperidyl-2-acetate-1-β-propionate, 1521.
$C_{14}H_{27}O_2N$ Deoxycarpamic acid, 713.

14 IV

$C_{14}H_8O_4N_3Cl$ *N*-4′-Chloro-2′-nitrophenylaminophthalimide, 103.
$C_{14}H_9O_5NS$ 3-Nitro-8-methylphenoxthionine-1-carboxylic acid, 445.
$C_{14}H_{10}ONCl$ 4-Chloro-9-acetylcarbazole, 1128.
$C_{14}H_{10}ON_3Cl$ 4′-Chloro-2′-amino-3-phenylphthalaz-4-one, 97.
$C_{14}H_{10}O_2NCl$ 3-Chloro-7-methoxyacridone, 1958.
$C_{14}H_{10}O_5N_3Cl$ *o*-Carboxybenzo-4′-chloro-2′-nitrophenylhydrazide, 103.
$C_{14}H_{10}O_5N_4I_2$ 2:4-Di-iodo-6-nitro-3-methoxybenzaldehyde *p*-nitrophenylhydrazone, 78.
$C_{14}H_{10}O_6NBr$ α-Bromo-δ-phthalimido-α-carboxy-γ-valerolactone, 1168.
$C_{14}H_{11}ONS_2$ 2-Acetamidothianthren, 1592.
$C_{14}H_{11}O_2N_3S$ 5-Nitro-1-phenylmethylaminobenzthiazole, and its picrate, 1516.
$C_{14}H_{11}N_2ClS$ 5-Chloro-1-phenylimino-2-methyl-1:2-dihydrobenzthiazole, and its picrate, 1516.
5-Chloro-1-phenylmethylaminobenzthiazole, and its picrate, 1516.
$C_{14}H_{11}N_2BrS$ 5-Bromo-1-phenylimino-2-methyl-1:2-dihydrobenzthiazole, and its picrate, 1515.
5-Bromo-1-phenylmethylaminobenzthiazole, and its picrate, 1516.
$C_{14}H_{12}ONBr$ Benzoyl-2-bromo-*p*-toluidine, 264.
$C_{14}H_{12}O_2NF$ 2-Fluoro-2′-nitro-4:4′-dimethyldiphenyl, 268.
$C_{14}H_{12}O_2N_2Cu$ Cupric salicylaldimine, 2002.
$C_{14}H_{14}O_2N_4Cu$ Cupric salicylidenehydrazone, 2002.
$C_{14}H_{14}O_2N_4Ni$ Nickel salicylidenehydrazone, 2003.
$C_{14}H_{12}O_2Cl_2S$ 5-Chloro-*o*-cresol 3-sulphide, 1021.
$C_{14}H_{12}O_3NCl$ Chloronitrodimethyldiphenyl ethers, 1020.
$C_{14}H_{12}O_3Cl_2S_2$ 2:5-Dichlorophenyl 4-methoxy-*m*-toluenethiolsulphonate, 489.
$C_{14}H_{12}O_4N_2S_2$ 3:3′-Dinitro-4:4′-dimethylthioldiphenyl, 38.
$C_{14}H_{12}O_5NClS$ 5-Chloro-2-*o*-nitrophenoxy-3:6-dimethylbenzenesulphinic acid, 1020.
$C_{14}H_{13}O_2NS$ 2-Nitrodi-*p*-tolyl sulphide, 246.
$C_{14}H_{13}O_3NS$ 2′-Nitro-2-hydroxy-4:5-dimethyldiphenyl sulphide, 1019.
$C_{14}H_{13}O_3ClS$ Chloromethoxy-4′-methyldiphenylsulphones, 245.
$C_{14}H_{13}O_4NS$ 2-Nitrodi-*p*-tolylsulphone, 246.
$C_{14}H_{14}ONCl$ Chloro-9-acetyltetrahydrocarbazoles, 1127.
$C_{14}H_{15}O_5NS$ *N*-2-Methoxynaphthalene-1-sulphonylsarcosine, 1696.
$C_{14}H_{24}O_2NCl$ 4:5-Dimethoxy-2-ethylbenzyltrimethylammonium chloride, 429.
$C_{14}H_{24}O_2NI$ 4:5-Dimethoxy-2-ethylbenzyltrimethylammonium iodide, 429.

14 V

$C_{14}H_{12}O_3NClS$ Chloronitrohydroxydimethyldiphenyl sulphides, 1019.
$C_{14}H_{14}O_3NClS$ ω-Chloro-4-*p*-toluenesulphonamidoacetophenone, 454.

C_{15} Group.

$C_{15}H_{10}O_3$ 1-Methylphenanthra-3:4-quinone, 512.
2-Methylphenanthrene-1:4-quinone, 262.
$C_{15}H_{10}O_3$ β-Dibenzfuran-3-acrylic acid, 779.
$C_{15}H_{10}O_5$ 1:3:4-Trihydroxy-2-methylanthraquinone, 88.
$C_{15}H_{10}O_7$ 3:5:6:7:4′-Pentahydroxyflavone, 48.
$C_{15}H_{11}O_5$ ψ-Baptigenin, 806.
$C_{15}H_{11}N_3$ 2′:4-Anhydro-2′-amino-3-phenyl-1-methylphthalaz-4-one, 98.
2:2′:2″-Tripyridyl, complex salts of, 1649.
$C_{15}H_{12}O$ 3-Hydroxy-1-methylphenanthrene, 512.
4-Hydroxy-1-methylphenanthrene, 266.
8-Hydroxy-1-methylphenanthrene, 1621.
$C_{15}H_{12}O_3$ Dihydroxyphenyl styryl ketones, 423, 1738.
7-Hydroxyflavanone, 1738.
$C_{15}H_{12}O_4$ 2:4:4′-Trihydroxychalkone, 423.
$C_{15}H_{12}O_5$ Tetrahydroxychalkones, 424.
$C_{15}H_{12}O_6$ Droserone diacetate, 1599.
$C_{15}H_{13}N$ Dimethylphenanthridines, and their picrates, 1171.
$C_{15}H_{14}O$ αβ-Diphenylpropaldehyde, 548.
$C_{15}H_{14}O_2$ *l*-Benzoin methyl ether, rotation of, in various solvents, 139.
1-Keto-8-methoxytetrahydrophenanthrene, 1621.
Phenylacetylphenylcarbinol, 548.
$C_{15}H_{14}O_4$ β-5-Methoxy-1-naphthoylpropionic acid, 1621.
*allo*Xanthoxyletin, structure of, 1545.
$C_{15}H_{14}O_5$ 1:2-Diacetoxy-7-methoxynaphthalene, 1861.
Dihydroxanthyletin-3-carboxylic acid, 1544.
β-(4-Hydroxy-8-methoxy-1-naphthoyl)propionic acid, 938.
$C_{15}H_{14}O_7$ Ethyl 7-hydroxy-5-methoxy-6-formylcoumarin-7-*O*-acetate, 293.
$C_{15}H_{16}O$ 3-Keto-1-methylhexahydrophenanthrene, 1587.
$C_{15}H_{16}O_2$ 1:5-Dimethoxy-2-allylnaphthalene, 939.
$C_{15}H_{16}O_4$ Dihydro*allo*xanthoxyletin, 1548.
7-Hydroxy-8-*iso*valeryl-4-methylcoumarin, 278.
$C_{15}H_{16}O_5$ Deacetyldecarbousnic acid, 900.
3:6-Diacetoxy-2-*iso*propylbenzofuran, 1533.
$C_{15}H_{17}N$ Dimethyltetrahydrophenanthridines, and their picrates, 1171.
1:9-Trimethylene-1:2:3:4-tetrahydrocarbazole, 945.
$C_{15}H_{18}O_3$ Ethyl γ-phenylpropylideneacetoacetate, 1588.
γ-6-Methoxy-3:4-dihydro-1-naphthylbutyric acid, 63.
1-Phenacyl*cyclo*pentane-1-acetic acid, 1015.
$C_{15}H_{18}O_4$ Tetrahydroxanthoxyletin, 292.
$C_{15}H_{18}O_5$ 5:7-Diacetoxy-2:2-dimethylchroman, 283.
$C_{15}H_{19}N$ 1:9-Trimethylenehexahydrocarbazole, 945.
$C_{15}H_{20}O_2$ 1-β-Phenylethyl*cyclo*pentane-1-acetic acid, 1015.
$C_{15}H_{20}O_3$ Ethyl αβ-epoxy-β-cumyl-α-methylpropionate, 762.
$C_{15}H_{20}O_4$ Ethyl γ-phenoxypropylacetoacetate, 724.
$C_{15}H_{20}O_5$ Methyl 2:6-dimethoxy-4-ethoxy-3-methylcinnamate, 290.
$C_{15}H_{20}O_6$ 5-Benzoyl 2:3-dimethyl γ-methylxyloside, 1603.
$C_{15}H_{22}O$ Cyperones, 1576.
1:10-Dimethyl-7-*iso*propenyl-$\Delta^{1(9)}$-octal-2-one, 1578, 1580.
$C_{15}H_{24}O_2$ 1-Methyl-1-γ-ketopentyl-4-*iso*propenyl*cyclo*hexan-2-one, 1578.
$C_{15}H_{24}O_3$ Ethyl 1-methyl-4-*iso*propenyl*cyclo*hexan-2-one-1-β-propionate, 1579.
$C_{15}H_{24}O_4$ *cyclo*Hexyl malonate, 1811.
$C_{15}H_{24}O_7$ Gluconic acid triacetone, 796.
$C_{15}H_{26}O$ 1:10-Dimethyl-7-*iso*propenyldecal-2-ol, 1580.
$C_{15}H_{26}O_2$ Ethyl 2-methyl-1-(γ-ethoxypropyl)-Δ^6-*cyclo*hexene-2-carboxylate, 815.
$C_{15}H_{26}O_7$ Ethyl α-carbethoxy-β-ethoxymethylglutarate, 1062.
$C_{15}H_{28}O_3$ Ethyl 2-methyl-1-(γ-ethoxypropyl)*cyclo*hexane-2-carboxylate, 815.
$C_{15}H_{28}O_4$ Ethyl 1-hydroxy-2-methyl-1-(γ-ethoxypropyl)*cyclo*hexane-2-carboxylate, 815.

15 III

$C_{15}H_{10}O_2N_2$ *N*-Benzylideneaminophthalimide, 21.
$C_{15}H_{10}O_3N_2$ 3-Benzamidephthalimide, 29.
$C_{15}H_{10}N_3Cl$ 2′:4-Anhydro-4′-chloro-2′-amino-3-phenyl-1-methylphthalaz-4-one, 98.
$C_{15}H_{11}O_2N_3$ 5-Benzamidophthalaz-1:4-dione, 30.
2-(2′-Nitrophenylamino)-3-methylene*iso*indolinone, 102.
$C_{15}H_{11}O_4N_2$ *N*-2′-Nitro-4′-methylphenylaminophthalimide, 103.
$C_{15}H_{12}O_6N_4$ *p*-Methoxyphenylglyoxal 2:4-dinitrophenylhydrazone, 370.
$C_{15}H_{13}ON$ Benzyloxyindoles, 1727.

$C_{15}H_{13}ON_3$ 2-(2′-Aminophenylamino)-3-methylene*iso*indolinone, 102.
2′-Amino-3-phenyl-1-methylphthalaz-4-one, 97.
$C_{15}H_{13}O_4N_3$ *p*-Methoxyphenylglyoxal *p*-nitrophenylhydrazone, 370.
$C_{15}H_{13}O_5N_3$ *o*-Carboxybenzo-2′-nitro-4′-methylphenylhydrazide, 103.
$C_{15}H_{13}O_6N_3$ 2′:4′-Dinitro-2-acetamido-5-methyldiphenyl ether, 40.
$C_{15}H_{14}O_2N_2$ Methyl 2-keto-1:3-dimethyl-2:3-dihydro-β-carboline-4-carboxylate, 471.
$C_{15}H_{14}O_7N_4$ 2:4-Dihydroxy-6-ethoxybenzaldehyde 2:4-dinitrophenylhydrazone, 289.
$C_{15}H_{14}N_2S$ 1-Phenylimino-2:5-dimethyl-1:2-dihydrobenzthiazole, and its picrate, 1514.
1-Phenylmethylamino-5-methylbenzthiazole, and its picrate, 1514.
$C_{15}H_{14}N_2I$ 2-2′-Pyridylaminoquinoline methiodide, 909.
$C_{15}H_{15}ON$ Tetrahydrocarbazole-1-β-propionic acid lactam, 944.
$C_{15}H_{15}O_2N$ 2-Methoxy-*m*-toluanilide, 261.
$C_{15}H_{15}O_3N$ 2′-Nitro-2:4:5-trimethyldiphenyl ether, 1020.
$C_{15}H_{16}O_2S$ Phenyl-2-hydroxy-3:5-dimethylbenzylsulphone, 1351.
$C_{15}H_{16}O_4N_2$ Methyl 2-keto-2:3-dihydro-β-carboline-4-orthoformate, 470.
$C_{15}H_{17}O_3N$ 1:4-Dimethoxy-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.
Tetrahydrocarbazolenine-11-β-propionic acid, 944.
$C_{15}H_{17}O_5N$ α-Cyano-β-phenoxymethyl-α-ethylglutaric acid, 1060.
$C_{15}H_{17}O_6N_3$ Ethyl 2-*p*-nitrobenzeneazo*cyclo*hexanone-2-carboxylate, 813.
$C_{15}H_{18}O_4N_4$ *d*-4-*iso*Propyl-Δ^2-*cyclo*hexen-1-one 2:4-dinitrophenylhydrazone, 1449.
$C_{15}H_{19}O_2N$ α-Cyano-ζχ-dimethyl-$\Delta^{\alpha\gamma\epsilon\iota}$-undecatetraene-α-carboxylic acid, 760.
$C_{15}H_{19}O_5N_3$ *d*-4-*iso*Propyl-Δ^2-*cyclo*hexen-1-one *p*-nitrophenylhydrazone, 1449.
$C_{15}H_{19}O_5N$ Homopilopic acid *p*-toluidides, 1060.
$C_{15}H_{19}O_6N_3$ Ethyl hydrogen α-ketopimelate *p*-nitrophenylhydrazone, 813.
$C_{15}H_{20}O_4N_2$ Ethyl hydrogen α-ketopimelate phenylhydrazone, 812.
$C_{15}H_{20}O_4N_4$ 8-Ketononoic acid 2:4-dinitrophenylhydrazone, 722.
$C_{15}H_{20}O_3S$ 3-*p*-Toluenesulphonyl 1:2-acetone xylose, 1601.
$C_{15}H_{21}ON_3$ 3-Methyl-7-*iso*propyl-1:2:3:4-tetral-1-one semicarbazone, 763.
$C_{15}H_{21}O_3N_3$ γ-Benzoyl-β-methyl-β-ethyl-*n*-butyric acid semicarbazone, 1015.
$C_{15}H_{21}O_4N_3$ 5:7-Dimethoxy-8-formyl-2:2-dimethylchroman semicarbazone, 291.
4-Keto-7-*m*-methoxyphenylheptoic acid semicarbazone, 69.
$C_{15}H_{23}O_7S$ 3-*p*-Toluenesulphonyl 2:5-dimethyl methylxylofuranosides, 1602.
$C_{15}H_{23}ON$ *p*-Acetamido-*n*-heptylbenzene, 1122.
1:10-Dimethyl-7-*iso*propenyl-$\Delta^{1(9)}$-octal-2-one oxime, 1578, 1580.
$C_{15}H_{23}ON_3$ α-Aldehydo-ζχ-dimethyl-$\Delta^{\alpha\gamma\epsilon\iota}$-undecatetraene semicarbazone, 759.
$C_{15}H_{23}O_4Br$ *cyclo*Hexyl bromomalonate, 1811.
$C_{15}H_{25}O_5N$ Ethyl α-carbethoxy-γ-cyano-β-ethoxymethyl-α-ethylbutyrate, 1062.
Ethyl α-cyano-β-ethoxymethyl-α-ethylglutarate, 1062.
$C_{15}H_{26}O_4S_2$ Camphorsulphonylbisethylsulphonylmethane, 1512.
$C_{15}H_{27}O_4N$ Ethyl piperidyl-1-β-propionate-2-α-propionates, and their picronolates, 968.
Ethyl 2:2:5:5-tetramethylpyrrolidine-3-carboxylate-1-acetate, 1525.
$C_{15}H_{29}O_3N$ 13-Methylamino-4-ketotetradecoic acid, hydrochloride of, 715.
$C_{15}H_{31}O_3N$ 13-Methylamino-4-hydroxytetradecoic acid, 715.

15 IV

$C_{15}H_9O_2N_2Cl_4$ Tetrachloro-*N*-benzylideneaminophthalimide, 33.
$C_{15}H_8O_2N_2Cl_2$ 3:6-Dichloro-*N*-benzylideneaminophthalimide, 32.
$C_{15}H_9O_4N_3S_2$ *NN′*-Dithiocarbamidobis-*p*-nitrophenylthiourea, 1362.
$C_{15}H_9O_3N_3Cl_2$ 2-(2′:6′-Dichloro-4′-nitrophenylamino)-3-methylene*iso*indolinone, 104.
$C_{15}H_{10}O_3N_3Cl$ 2-(2′-Chloro-4′-nitrophenylamino)-3-methylene*iso*indolinone, 103.
2-(4′-Chloro-2′-nitrophenylamino)-3-methylene*iso*indolinone, 103.
$C_{15}H_{10}O_3N_3Br$ 2-(2′-Bromo-4′-nitrophenylamino)-3-methylene*iso*indolinone, 104.
$C_{15}H_{12}ON_2Cl$ 2-(4′-Chloro-2′-aminophenylamino)-3-methylene*iso*indolinone, 103.
4′-Chloro-2′-amino-3-phenyl-1-methylphthalaz-4-one, 98.
$C_{15}H_{13}O_3NS$ *N*-Acetyl-*p*-toluenesulphonanilide, 1118.
$C_{15}H_{15}O_4NS$ 4-*p*-Toluenesulphonamido-ω-hydroxyacetophenone, 454.
$C_{15}H_{15}O_5NS$ 2′-Nitrophenyl-2-hydroxy-3:5-dimethylbenzylsulphone, 1351.
$C_{15}H_{16}O_2N_6S$ *s*-Diphenyldiureidothiourea, 1361.
$C_{15}H_{16}O_4N_2S$ 2-Methoxy-*m*-tolubenzenesulphonhydrazide, 261.
$C_{15}H_{16}NIS_2$ 2-Thianthrenyltrimethylammonium iodide, 1593.

15 V

$C_{15}H_{14}O_5NClS$ 4-Chloro-2′-nitro-6-methylsulphonyl-3:5-dimethyldiphenyl ether, 1020.
$C_{15}H_{21}O_2N_4BrS$ *O*-Acetyl-2-methylaneurin bromide, hydrobromide of, 1507.

C_{16} Group.

$C_{16}H_{12}$ 1:2-Dihydropyrene, and its picrate, 1302.
$C_{16}H_{14}$ 1:2:6:7-Tetrahydropyrene, 1303.
$C_{16}H_{18}$ α-Phenyl-α-tolylpropanes, 1758.
$C_{16}H_{20}$ Decahydropyrenes, 1304.

16 II

$C_{16}H_8O_4$ 7-Hydroxy-1′-ketoindeno(2′:3′:3:4)coumarin, 741.
$C_{16}H_8O_6$ Anthraquinone-1:8-dicarboxylic acid, 537.

$C_{16}H_{10}O_5$ Dibenzfuryl-3-methylenemalonic acid, 780.
5:7-Dihydroxychromeno-(3′:4′:2:3)-chromone, 1542.
$C_{16}H_{12}O_2$ 6-Phenyl-2-methylchromone, 772.
$C_{16}H_{12}O_3$ Methyl β-dibenzfuran-3-acrylate, 779.
Tetrahydrophenanthrenedicarboxylic anhydrides, 1318.
$C_{16}H_{12}O_4$ 9:10-Dihydrophenanthrene-4:5-dicarboxylic acid, 1304.
$C_{16}H_{12}O_5$ Brazilein, constitution of, 43.
Rubroglaucin, 86.
$C_{16}H_{12}O_6$ Naphthapurpurin triacetate, 1600.
$C_{16}H_{13}N_3$ 2′:4-Anhydro-2′-amino-3-phenyl-1:4′-dimethylphthalaz-4-one, 98.
$C_{16}H_{14}O$ 1-Methoxy-2-methylphenanthrene, 262.
3-Methoxy-1-methylphenanthrene, 512.
4-Methoxy-1-methylphenanthrene, 266.
5-Methoxy-1-methylphenanthrene, 941.
8-Methoxy-1-methylphenanthrene, 1621.
$C_{16}H_{14}O_2$ 2′-Hydroxy-4′-methoxy-3-phenylindan-1-one, 741.
$C_{16}H_{14}O_4$ 2:4′-Dihydroxy-3′-methoxychalkone, 422.
1:2:3:4-Tetrahydrophenanthrene-1:2-dicarboxylic acid, 1318.
$C_{16}H_{14}O_5$ 2:4:4′-Trihydroxy-3′-methoxychalkone, 422.
$C_{16}H_{14}O_6$ 2:3:4:4′-Tetrahydroxy-3′-methoxychalkone, 423.
Triacetoxynaphthalenes, 1861.
$C_{16}H_{14}O_7$ Phenoxyacetic acid-2-phloracetophenone, 1542.
$C_{16}H_{14}S_3$ Di(phenylthio)divinyl sulphide, 769.
$C_{16}H_{13}I$ 9-Fluorenyldimethylcarbinyl iodide, 1743.
$C_{16}H_{16}O$ 8-Methoxy-1-methyl-3:4-dihydrophenanthrene, 1621.
$C_{16}H_{16}O_2$ αγ-Diphenyl-*n*-butyric acid, 1016.
$C_{16}H_{16}O_3$ 1-Keto-5:9-dimethoxy-1:2:3:4-tetrahydrophenanthrene, 939.
4-Methoxy-ω-salicylacetophenone, 42.
$C_{16}H_{16}O_5$ β-(4:8-Dimethoxy-1-naphthoyl)propionic acid, 938.
2-Hydroxy-4:3′:4′-trimethoxybenzophenone, 741.
$C_{16}H_{16}O_6$ Dihydroxanthoxyletin-3-carboxylic acid, 292.
Dihydro*allo*xanthoxyletin-3-carboxylic acid, 1549.
$C_{16}H_{18}O_2$ α-Ethylhydrobenzoin, 1048.
$C_{16}H_{18}O_3$ β-Benzylideneacetonyl-α-ethyl-γ-butyrolactones, 1063.
$C_{16}H_{18}O_4$ γ-(4:8-Dimethoxy-1-naphthyl)butyric acid, 939.
$C_{16}H_{20}O_3$ Methyl γ-6-methoxy-3:4-dihydro-1-naphthylbutyrate, 63.
1-Phenacyl*cyclo*hexane-1-acetic acid, 1016.
1-Phenacyl-3-methyl*cyclo*pentane-1-acetic acid, 1015.
$C_{16}H_{20}O_4$ Acid, from oxidation of sulphocamphylic acid, 459.
$C_{16}H_{20}O_5$ *O*-Methyldihydro*allo*xanthoxyletinic acid, 1548.
$C_{16}H_{22}O$ 1-β-*o*-Anisylethyl-2-methyl*cyclo*hexene, 1621.
1-β-(4′-Methoxy-*o*-tolyl)ethyl-Δ^1-*cyclo*hexene, 265.
1-β-(5′-Methoxy-*o*-tolyl)ethyl-Δ^1-*cyclo*hexene, 511.
$C_{16}H_{22}O_3$ 1-β-Phenylethyl*cyclo*hexane-1-acetic acid, 1016.
$C_{16}H_{22}O_5$ *O*-Methyltetrahydro*allo*xanthoxyletinic acid, 1548.
$C_{16}H_{24}O_2$ 1-β-*o*-Anisylethyl-2-methyl*cyclo*hexan-1-ol, 1621.
Ethyl β-cuminylbutyrate, 763.
1-β-(4′-Methoxy-*o*-tolyl)ethyl*cyclo*hexan-1-ol, 265.
$C_{16}H_{24}O_3$ Di*cyclo*hexylsuccinic anhydrides, 1452.
$C_{16}H_{26}O_3$ Ketohydnocarpic acid, 958.
$C_{16}H_{26}O_4$ Di*cyclo*hexylsuccinic acids, 1450.
Ethyl β-Δ^1-*cyclo*hexenylethylmethylmalonate, 822.
$C_{16}H_{26}O_5$ Methyl *cyclo*hexanone-2:6-ββ′-dipropionate, 946.
$C_{16}H_{28}O_3$ Ethyl 2-methyl-1-(δ-ethoxybutyl)-Δ^6-*cyclo*hexene-2-carboxylate, 816
$C_{16}H_{30}O_3$ Ethyl 2-methyl-1-(δ-ethoxybutyl)*cyclo*hexane-2-carboxylate, 817.
$C_{16}H_{30}O_4$ Ethyl 1-hydroxy-2-methyl-1-(δ-ethoxybutyl)*cyclo*hexane-2-carboxylate, 816.
$C_{16}H_{30}O_5$ Ethyl 7-hydroxyheptoate, 373.
$C_{16}H_{35}N_3$ Tri*iso*amylguanidine, hydrochloride of, 828.

16 III

$C_{16}H_6O_8N_4$ 3:3′-Dinitro-*N*-phthalimidophthalimide, 1846.
$C_{16}H_7O_6N_3$ *N*-Nitrophthalimidophthalimides, 22.
$C_{16}H_9O_4N$ *N*-Phthalimidophthalimide, 20.
2:3-Phthalophthalaz-1:4-dione, 24.
$C_{16}H_{10}O_3N_4$ 2-*p*-Nitrophenylindolo(2′:3′:4:5)pyridaz-3-one, 473.
$C_{16}H_{10}O_4N_2$ *N*-Piperonylideneaminophthalimide, 21.
$C_{16}H_{10}O_5N_2$ *N*-Phthalimidophthalamic acid, and its silver salt, 23.
$C_{16}H_{10}O_{10}N_4$ *s*-Bis-(6-nitro-2-carboxybenzoyl)hydrazine, 31.
$C_{16}H_{11}O_3N$ 4-Benzoylhomophthalimide, 1314.
$C_{16}H_{12}O_4N_2$ β-Keto-α-cyano-γ-*p*-nitrophenoxy-α-phenylpropane, 1648.
$C_{16}H_{12}O_4Br_2$ *o*-Hydroxyphenyl αβ-dibromo-β-3:4-methylenedioxystyryl ketone, 1804.
$C_{16}H_{12}O_6N_2$ *S*-Dibenzoylhydrazine-2:2′-dicarboxylic acid, and its salts, 23.

$C_{16}H_{13}ON$ Phenyl-2-quinolylcarbinol, 1725.
Phenyl-1-*iso*quinolylcarbinol, 1725.
$C_{16}H_{13}O_3N$ Benzyloxyindole-2-carboxylic acids, 1727.
$C_{16}H_{13}O_3N_3$ 3-Acetamido-*N*-anilinophthalimide, 30.
2-(2′-Nitro-4′-methylphenylamino)-3-methylene*iso*indolinone, 102.
$C_{16}H_{13}O_5N$ 2-Nitro-4-benzyloxyphenylpyruvic acid, 1727.
2-Nitro-5-benzyloxyphenylpyruvic acid, 403.
$C_{16}H_{15}ON_3$ 2′-Amino-3-phenyl-1:4′-dimethylphthalaz-4-one, 98.
$C_{16}H_{15}O_6N$ δ-Phthalimido-α-carbethoxy-γ-valerolactone, 1167.
$C_{16}H_{16}O_7N_4$ 2:6-Dihydroxy-4-ethoxy-3-methylbenzaldehyde 2:4-dinitrophenylhydrazone, 289.
$C_{16}H_{16}N_2I$ 1:1′-Dimethyl-2-pyrido-2′-azacyanine iodide, 909.
2-2′-Pyridylaminoquinoline ethiodide, 909.
$C_{16}H_{17}ON_3$ αβ-Diphenylpropaldehyde semicarbazone, 548.
$C_{16}H_{17}O_2N_3$ 1-Keto-8-methoxytetrahydrophenanthrene semicarbazone, 1621.
Phenylacetylphenylcarbinol semicarbazone, 548.
$C_{16}H_{18}O_3S$ *p*-Tolyl-2-hydroxy-3:5-dimethylbenzylsulphone, 1351.
$C_{16}H_{16}O_4N_2$ Methyl 2-keto-3-methyl-2:3-dihydro-β-carboline-4-orthoformate, 471.
$C_{16}H_{18}O_4N_4$ 5-Ketomethyl-$\Delta^{4:9}$-tetrahydrohydrindene 2:4-dinitrophenylhydrazones, 59.
$C_{16}H_{19}O_2N_3$ 1-Keto-7-methoxyhexahydrophenanthrene, 65.
$C_{16}H_{19}O_5I$ 6-Iodo-3:5-benzylidene acetoneglucose, 253.
$C_{16}H_{20}O_4N_4$ Phellendral 2:4-dinitrophenylhydrazone, 988.
d-Phellendral 2:4-dinitrophenylhydrazone, 1449.
$C_{16}O_{20}O_8N_4$ Diethyl α-ketoadipate 2:4-dinitrophenylhydrazone, 811.
$C_{16}H_{20}N_2S_2$ Bis-(*p*-dimethylaminophenyl) disulphide, 1633.
$C_{16}H_{21}O_2N_3$ α-Pinene nitrosonitrolanilide, 375.
$C_{16}H_{21}O_3N_3$ 1-Phenacyl*cyclo*pentane-1-acetic acid semicarbazone, 1015.
$C_{16}H_{21}O_4N$ Ethyl 1-keto-1:2-dihydro*iso*quinoline-3-orthoformate, 475.
$C_{16}H_{22}O_3S$ 3-*p*-Toluenesulphonyl acetone 5-methyl xylose, 1601.
5-*p*-Toluenesulphonyl acetone 3-methyl xylose, 1603.
$C_{16}H_{23}ON$ Δ^8-*n*-Nonenoic acid *p*-toluidide, 1974.
$C_{16}H_{23}O_3N_3$ α-Terpineol nitrosonitrolanilide, 375.
$C_{16}H_{23}O_4N$ Ethyl 7-hydroxyheptoate phenylurethane, 373.
$C_{16}H_{25}ON$ *p*-Acetamido-*sec.*-octylbenzene, 1123.
$C_{16}H_{25}ON_3$ 1:10-Dimethyl-7-*iso*propenyl-$\Delta^{1(9)}$-octal-2-one semicarbazone, 1578.
$C_{16}H_{25}O_2N$ ε-Phenoxy-β-2-piperidyl-*n*-amyl alcohol, 969.
$C_{16}H_{25}O_3N$ *N*-9-Carbethoxynonoylpyrrole, 717.
Ethyl 9-2′-pyrroylnonoate, 717.
$C_{16}O_4N_2Cl_6$ Octachloro-*N*-phthalimidophthalimide, 33.

16 IV

$C_{16}H_4O_4N_2Cl_4$ 3:6:3′:6′-Tetrachloro-*N*-phthalimidophthalimide, 32.
$C_{16}H_6O_6N_2Cl_4$ *s*-Bis-(3:6-dichloro-2-carboxybenzoyl)hydrazine, 32.
$C_{16}H_{13}O_2N_2Cl$ 4′-Chloro-2′-acetamido-3-phenylphthalaz-4-one, 97.
$C_{16}H_{14}O_2Cl_2S$ Dehydro-5-chloro-*p*-2-xylenol 3-sulphide, 1021.
$C_{16}H_{14}O_6NBr$ α-Bromo-δ-phthalimido-α-carbethoxy-γ-valerolactone, 1168.
$C_{16}H_{16}O_4N_6Ni$ Nickel salicylidenesemicarbazone, 2003.
$C_{16}H_{17}O_3NS$ *N*-Acetyl-*p*-toluenesulphontoluidides, 1118.
$C_{16}H_{17}O_5NS$ 2-Nitro-6-methylsulphonyl-2:4:5-trimethyldiphenyl ether, 1020.
$C_{16}H_{17}O_7N_3S$ Benzylmethylethylsulphonium picrate, 871.
$C_{16}H_{18}O_3Cl_2S_2$ 2:5-Dichlorophenyl camphorthiolsulphonate, 489.
$C_{16}H_{18}O_4N_2S$ Phenazine ethosulphate, 1710.
$C_{16}H_{18}O_7N_2S$ 2:4-Dinitrophenyl-10-camphorylsulphone, 489.
$C_{16}H_{19}N_2IS$ 3:1′-Diethylthiazolo-2′-azacyanine iodide, 910.

16 V

$C_{16}H_{15}O_3NBr_2S$ 4:6-Dibromo-5-*p*-toluenesulphonamidohydrindene, 1107.
$C_{16}H_{15}O_2Cl_2SNa$ Sodium chloroxylenol sulphides, 1021.
$C_{16}H_{18}O_2NClS$ *p*-Toluenesulphonbenzyl-*p*-chloroethylamide, 1469.
$C_{16}H_{28}O_2NSP$ Tri-*n*-propylphosphine-*p*-toluenesulphonylimine, 535.

C_{17} Group.

$C_{17}H_{10}O_4$ 1′-Keto-7-methoxyindeno(2′:3′:3:4)coumarin, 741.
$C_{17}H_{12}O_5$ 7-Hydroxy-3′:4′-methylenedioxy-2-methyl*iso*flavone, 806.
$C_{17}H_{14}O_3$ 7-Benzyloxy-4-methylcoumarin, 1534.
1-Methoxy-2-methylphenanthrene-10-carboxylic acid, 262.
3-Methoxy-1-methylphenanthrene-10-carboxylic acid, 512.
4-Methoxy-1-methylphenanthrene-10-carboxylic acid, 265.
5-Methoxy-1-methylphenanthrene-10-carboxylic acid, 941.
$C_{17}H_{14}O_4$ 7-Methoxy-1:2:3:11-tetrahydrophenanthrene-1:2-dicarboxylic anhydride, 1319.
3:4-Methylenedioxybenzoyl-*p*-toluoylmethane, 1803.

$C_{17}H_{15}N$ Tetrahydronaphthacridine, and its picrate, 1528.
Tetrahydro-α-naphthaphenanthridine, and its picrate, 1172.
$C_{17}H_{16}O$ 2-(β-1′-Naphthylethyl)-Δ^{2}-*cyclo*pentenone, cyclisation of, 1859.
$C_{17}H_{16}O_3$ 5:9-Dimethoxy-1-methylphenanthrene, 939.
γδ-Diphenyl-Δ^{α}-pentenoic acid, 548.
$C_{17}H_{16}O_3$ *O*-Acetyl-ω-salicylacetophenone, 42.
2′-Hydroxy-4′-methoxy-3-phenylindan-1-one methyl ether, 741.
$C_{17}H_{16}O_7$ Usnic acid, 894.
$C_{17}H_{18}O$ Phenyltolylethylacetaldehydes, 1757.
α-*p*-Tolylbutyrophenone, 1757.
r-Tolyl α-phenylpropyl ketones, 1759.
$C_{17}H_{18}O_2$ 2-Acetyl-2′-α-hydroxy*iso*propyldiphenyl, 118.
5:9-Dimethoxy-1-methyl-3:4-dihydrophenanthrene, 939.
7-Hydroxy-3-ketotetrahydro-1:2-*cyclo*pentanophenanthrene, 1586.
$C_{17}H_{18}O_4$ 3′:4-Dimethoxy-ω-salicylacetophenone, 42.
$C_{17}H_{18}O_5$ Methyl β-(4:8-dimethoxy-1-naphthoyl)propionate, 938.
$C_{17}H_{18}O_6$ Decarbousnic acid, 900.
$C_{17}H_{20}O_2$ 7-Hydroxy-3-ketohexahydro-1:2-*cyclo*pentanophenanthrene, 1587.
r-2-Phenyl-1-tolyl-1-ethylethylene glycols, dehydration of, 1757.
$C_{17}H_{20}O_4$ Methyl γ-(4:8-dimethoxy-1-naphthyl)butyrate, 939.
$C_{17}H_{28}O_4$ Methyl*cyclo*hexyl malonates, 1811.
$C_{17}H_{18}O_8$ Ethyl bistetrahydrofurfurylmalonate, 720.
$C_{17}H_{30}O_6$ Ethyl octane-αδθ-tricarboxylate, 821.
$C_{17}H_{30}O_7$ Ethyl α-carbethoxy-β-ethoxymęthyl-α-ethylglutarate, 1062.

17 III

$C_{17}H_{12}O_3N_2$ *N*-Cinnamylideneaminophthalimide, 21.
3-Phenyl-1:2-phthalopyrazoline, 22.
$C_{17}H_{13}O_3Cl_3$ *p*-Tolyl α:6-dichloro-3:4-methylenedioxystyryl ketone, 1803.
$C_{17}H_{12}O_3Br_2$ *p*-Tolyl α:6-dibromo-3:4-methylenedioxystyryl ketone, 1803.
$C_{17}H_{13}O_5N_3$ 2-*O*-Carbomethoxybenzoylphthalaz-1:4-dione, 24.
Methyl *N*-phthalimidophthalamate, 24.
$C_{17}H_{13}O_2N$ Anisyl 2-quinolyl ketone, 1725.
$C_{17}H_{13}O_3N$ 4-Benzoyl-2-methylhomophthalimide, 1313.
5-(3′:4′-Methylenedioxyphenyl)-3-*p*-tolyl*iso*oxazole, 1804.
4-Phenylacetylhomophthalimide, 1314.
$C_{17}H_{13}O_3N_3$ Benzylidene-3-acetamido-*N*-aminophthalimide, 1844.
$C_{17}H_{13}O_3Cl$ *p*-Tolyl α-chloro-3:4-methylenedioxystyryl ketone, 1803.
p-Tolyl 6-chloro-3:4-methylenedioxystyryl ketone, 1801.
$C_{17}H_{13}O_3Cl_3$ *p*-Tolyl αβ-dichloro-β-6-chloro-3:4-methylenedioxyphenylethyl ketone, 1801.
$C_{17}H_{13}O_3Br$ *p*-Tolyl α-bromo-3:4-methylenedioxystyryl ketone, 1803.
p-Tolyl 6-bromo-3:4-methylenedioxystyryl ketone, 1801.
$C_{17}H_{12}O_3Br_3$ *p*-Tolyl αβ-dibromo-β-6-bromo-3:4-methylenedioxyphenylethyl ketone, 1801.
$C_{17}H_{13}O_4Br$ 6-Bromo-3:4-methylenedioxybenzoyl-*p*-toluoylmethane, 1804.
$C_{17}H_{14}O_2N_2$ 2-Carbomethoxyindole-3-aldehyde anil, 469.
$C_{17}H_{14}O_2Cl_2$ *p*-Tolyl α:3-dichloro-4-methoxystyryl ketone, 1802.
$C_{17}H_{14}O_2Br_2$ *p*-Tolyl α-3-dibromo-4-methoxystyryl ketone, 1803.
$C_{17}H_{14}O_3Cl_2$ *p*-Tolyl αβ-dichloro-β-3:4-methylenedioxyphenylethyl ketone, 1801.
$C_{17}H_{14}O_3Br_2$ *p*-Tolyl αβ-dibromo-β-3:4-methylenedioxyphenylethyl ketone, 1801.
$C_{17}H_{14}O_4N_4$ 2-Carbomethoxyindole-3-aldehyde *p*-nitrophenylhydrazone, 473.
$C_{17}H_{15}ON$ Phenyl-2-quinolylmethylcarbinol, 1725.
$C_{17}H_{15}O_2N$ 5-Benzyloxy-1-acetylindole, 1727.
β-Keto-α-cyano-γ-benzyloxy-α-phenylpropane, 1649.
$C_{17}H_{15}O_2Cl$ *p*-Tolyl α-chloro-4-methoxystyryl ketone, 1803.
p-Tolyl-3-chloro-4-methoxystyryl ketone, 1801.
$C_{17}H_{15}O_2Cl_3$ *p*-Tolyl αβ-dichloro-β-3-chloro-*p*-anisylethyl ketone, 1801.
$C_{17}H_{15}O_2Br$ *p*-Tolyl α-bromo-4-methoxystyryl ketone, 1803.
p-Tolyl 3-bromo-4-methoxystyryl ketone, 1801.
$C_{17}H_{15}O_2Br_3$ *p*-Tolyl αβ-dibromo-β-3-bromo-*p*-anisylethyl ketone, 1801.
$C_{17}H_{15}O_3Cl$ 3-Chloro-*p*-anisoyl-*p*-toluoylmethane, 1803.
$C_{17}H_{15}O_3Br$ 3-Bromo-*p*-anisoyl-*p*-toluoylmethane, 1803.
$C_{17}H_{15}O_4N$ α-Phenyl-γ-methylallyl *p*-nitrobenzoates, 215.
$C_{17}H_{15}O_5N$ 2-Nitro-3-methoxy-α-*o*-tolylcinnamic acid, 941.
2-Nitro-α-(2′-methoxy-*m*-tolyl)cinnamic acid, 262.
2-Nitro-α-(4′-methoxy-*o*-tolyl)cinnamic acid, 265.
2-Nitro-α-(5′-methoxy-*o*-tolyl)cinnamic acid, 512.
$C_{17}H_{16}ON_2$ ω-Methylcyanoamido-ω-benzylacetophenone, 857.
$C_{17}H_{16}O_2Cl_2$ *p*-Tolyl αβ-dichloro-β-*p*-anisylethyl ketone, 1801.
$C_{17}H_{16}O_2Br_2$ *p*-Tolyl αβ-dibromo-β-*p*-anisylethyl ketone, 1801.
$C_{17}H_{16}O_7N_4$ 5:7-Dihydroxy-2:2-dimethylchromanone 2:4-dinitrophenylhydrazone, 284.
$C_{17}H_{16}O_8N_8$ Glutardialdehyde bis-2:4-dinitrophenylhydrazone, 302.
$C_{17}H_{16}NCl$ 12-Chloro-3-*cyclo*pentylidene-2:3-dihydro-β-quinindene, 377.
$C_{17}H_{17}ON$ ω-Dimethylamino-ω-benzylideneacetophenone, 857.
12-Keto-3-*cyclo*pentylidene-2:3:5:12-tetrahydro-β-quinindene, 377.

$C_{17}H_{17}O_3N$ 2-Amino-3-methoxy-α-*o*-tolylcinnamic acid, 941.
2-Amino-α-(2′-methoxy-*m*-tolyl)cinnamic acid, 262.
2-Amino-α-(4′-methoxy-*o*-tolyl)cinnamic acid, 265.
2-Amino-α-(5′-methoxy-*o*-tolyl)cinnamic acid, 512.
$C_{17}H_{17}O_3N_3$ 2′-Hydroxy-4′-methoxy-3-phenylindan-1-one semicarbazone, 741.
$C_{17}H_{18}N_2I$ 1-Methyl-1′-ethyl-2-pyrido-2′-azacyanine iodide, 909.
$C_{17}H_{19}O_2N$ 5-Phenoxyvaleranilide, 725.
$C_{17}H_{20}OS_2$ β-Hydroxy-αγ-bis(benzylthio)propane, 314.
$C_{17}H_{20}O_4N_4$ 2-Ketomethyl-$\Delta^{1:9}$-octalin 2:4-dinitrophenylhydrazones, 58.
9-Methyl-1-octalone 2:4-dinitrophenylhydrazones, 822.
$C_{17}H_{20}O_5S_2$ β-Hydroxy-αγ-bis(benzylsulphonyl)propane, 314.
$C_{17}H_{20}O_6N_2$ Carvotanacetyl 3:5-dinitrobenzoate, 241.
dl-Δ^6-*neo*Menthen-3-yl 3:5-dinitrobenzoate, 238.
$C_{17}H_{21}O_3N$ *N*-Acetylhexahydrocarbazole-11-β-propionic acid, 945.
$C_{17}H_{21}O_3N_3$ β-Benzylideneacetonyl-β-ethyl-γ-butyrolactone semicarbazones, 1063.
$C_{17}H_{21}O_4N$ Carvotanacetyl *p*-nitrobenzoates, 240.
$C_{17}H_{21}O_5N$ Ethyl α-carbethoxy-γ-cyano-β-phenoxymethylbutyrate, 1061.
dl-1-Hydroxymenthone *p*-nitrobenzoate, 237.
$C_{17}H_{22}O_4N_4$ 2-Keto-10-methyldecalin 2:4-dinitrophenylhydrazone, 59.
Methyl-1-decalone 2:4-dinitrophenylhydrazones, 822.
$C_{17}H_{23}ON$ Benzoylcarvotanacetylamines, 241.
cis-β-Ethoxymethyl-α-ethylglutaric-*p*-tolylimide, 1062.
$C_{17}H_{23}O_3N_3$ 1-Phenacylcyclohexane-1-acetic acid semicarbazone, 1016.
1-Phenacyl-3-methylcyclopentane-1-acetic acid semicarbazone, 1015.
$C_{17}H_{23}O_5N_5$ 2-Methylcyclopentanone-3-carboxydiethylamide dinitrophenylhydrazone, 1589.
$C_{17}H_{29}O_3N_3$ Ketohydnocarpic acid semicarbazone, 958.

17 IV

$C_{17}H_{12}O_3NBr$ 5-(6′-Bromo-3′:4′-methylenedioxyphenyl)-3-*p*-tolyl*iso*oxazole, 1804.
$C_{17}H_{12}O_3ClBr$ *p*-Tolyl chlorobromo-3:4-methylenedioxystyryl ketones, 1803.
$C_{17}H_{13}O_3ClBr_2$ *p*-Tolyl αβ-dibromo-β-6-chloro-3:4-methylenedioxyphenylethyl ketone, 1801.
$C_{17}H_{13}O_3Cl_2Br$ *p*-Tolyl α-chloro-β-bromo-β-6-chloro-3:4-methylenedioxyphenylethyl ketone, 1802.
p-Tolyl αβ-dichloro-β-6-bromo-3:4-methylenedioxyphenylethyl ketone, 1801.
$C_{17}H_{14}O_3N_3Cl$ 4′-Chloro-2′-acetamido-3-phenyl-1-methylphthalaz-4-one, 98.
$C_{17}H_{14}O_3ClBr$ *p*-Tolyl chlorobromo-4-methoxystyryl ketones, 1803.
$C_{17}H_{14}O_3NBr$ *p*-Tolyl α-bromo-3:4-methylenedioxystyryl ketoxime, 1804.
$C_{17}H_{14}O_3ClBr$ *p*-Tolyl α-chloro-β-bromo-β-3:4-methylenedioxyphenylethyl ketone, 1802.
$C_{17}H_{15}O_3ClBr_2$ *p*-Tolyl α-chloro-β-bromo-β-3-bromo-*p*-anisylethyl ketone, 1802.
$C_{17}H_{15}O_3Cl_2Br$ *p*-Tolyl α-chloro-β-bromo-β-3-chloro-*p*-anisylethyl ketone, 1802.
p-Tolyl αβ-dichloro-β-3-bromo-*p*-anisylethyl ketone, 1801.
$C_{17}H_{16}O_3ClBr$ *p*-Tolyl α-chloro-β-bromo-β-*p*-anisylethyl ketone, 1802.
$C_{17}H_{17}O_2NI$ 4-Phenoxy-2-ethoxy-2-methylquinoline methiodide, 426.
$C_{17}H_{17}O_5NS$ 4-*p*-Toluenesulphonamido-ω-acetoxyacetophenone, 454.
$C_{17}H_{19}O_7N_3S$ Benzylmethyl-*n*-propylsulphonium picrate, 872.
$C_{17}H_{23}O_7ClS$ Chloro-*p*-toluenesulphonyl 3-methyl acetone glucose, 253.

17 V

$C_{17}H_{17}O_4N_2ClS$ 4′-Chloro-3-nitro-4-piperidinodiphenylsulphone, 244.
$C_{17}H_{23}O_2NSP$ Phenyldiethylphosphine-*p*-toluenesulphonylimine, 534.

C_{18} Group.

$C_{18}H_{18}$ 2:2′-Di-α-methylethenyldiphenyl, 118.
$C_{18}H_{20}$ Octahydro-1:2-benzanthracene, 826.
$C_{18}H_{24}$ 2-β-Phenylethyl-*cis*-$\Delta^{2:3}$-octalin, 825.

18 II

$C_{18}H_8N_4$ 2:3-Dicyanophenanthrapyrazine, 921.
$C_{18}H_{10}N_4$ 2:3-Dicyano-5:6-diphenylpyrazine, 921, 1436.
$C_{18}H_{14}O_3$ 3-Acetyl-6-phenyl-2-methylchromone, 772.
2-Methoxy-1-naphthyl benzoate, 1861.
$C_{18}H_{15}N$ 2-Amino-1:4-diphenylbenzene, 1441.
$C_{18}H_{16}O_2$ δε-Diketo-γε-diphenyl-β-methyl-Δ^{β}-pentene, 548.
Substance, from β-dimethylaminopropiophenone, methyl iodide, and potassium hydroxide, 1930.
$C_{18}H_{16}O_4$ α-Phenyl-γ-methylallyl hydrogen phthalates, 215.
$C_{18}H_{16}O_5$ β-*p*-Toluoyl-α-3:4-methylenedioxyphenylpropionic acid, 1803.
Veratrylideneacetopiperone, 839.
$C_{18}H_{18}O_2$ α-2:3:5:5′-Tetramethylcoumarano-3′:2′:2:3-coumaran, 561.
$C_{18}H_{18}O_3$ 7-Benzyloxy-2:2-dimethylchromanone, 1534.
$C_{18}H_{18}O_4$ *O*-Acetyl-4-methoxy-ω-salicylacetophenone, 42.
5-Hydroxy-7-benzyloxy-2:2-dimethylchromanone, 1539.
Methyl 1:2:3:4-tetrahydrophenanthrene-1:2-dicarboxylate, 1318.
$C_{18}H_{18}O_5$ 7-Methoxy-4-veratryldihydrocoumarin, 742.
$C_{18}H_{18}O_6$ Veratroylpænaols, 743.

$C_{18}H_{20}O_2$ 7-Benzyloxy-2:2-dimethylchroman, 1533.
3-Keto-7-methoxytetrahydro-1:2-*cyclo*pentanophenanthrenes, 1584.
$C_{18}H_{21}N$ Amino-4-*cyclo*hexyldiphenyls, 1441.
$C_{18}H_{22}O$ 2-Ketododecahydrochrysenes, 1583.
$C_{18}H_{23}O_2$ 2:2′-Di-α-hydroxy*iso*propyldiphenyl, 118.
3-Keto-7-methoxyhexahydro-1:2-*cyclo*pentanophenanthrenes, 1585.
$C_{18}H_{22}O_4$ 4-Hydroxy-*m*-tolylmethylpinacols, 561.
$C_{18}H_{24}O$ Hydroxydodecahydrochrysenes, 1583.
Methyl γ-[5-methoxy-2-(γ-carbomethoxybutyryl)phenyl]butyrate, 67.
$C_{18}H_{26}O$ 3-Keto-Δ^4-hexadecahydro-1:2-benzanthracenes, 826.
2-β-Phenylethyl-*cis*-2-decalol, 825.
$C_{18}H_{28}O_5$ Ethyl 3-carbethoxy-1-methyl-4-*iso*propenyl*cyclo*hexan-2-one-1-β-propionate, 1579.
$C_{18}H_{32}O_6$ Ethyl heptane-1:3:7-tricarboxylate, 946.
$C_{18}H_{31}N$ *p*-Aminododecylbenzene, 1123.
Dodecylaniline, and its hydrochloride, 1123.
p-*n*-Hexylamino-*n*-hexylbenzene, and its hydrochloride, 1121.
$C_{18}H_{32}O_{16}$ Hexamethyl difructosan, 784.

18 III

$C_{18}H_7O_2Br$ Bromo-3′:8-keto*meso*benzanthrones, 1101.
$C_{18}H_7O_3Br$ 1′-Bromo-3′-hydroxy*meso*benzanthrone-8-carboxylic lactone, 1101.
$C_{18}H_7O_4N$ Nitro-3′:8-keto*meso*benzanthrones, 1102.
$C_{18}H_7N_2Br_3$ Tribromoacenaphthenequinonephenazine, 1762.
$C_{18}H_8O_2Br_2$ 1′:6-Dibromo-3′:8-keto*meso*benzanthrone, 1102.
$C_{18}H_8O_3Br_2$ 1′:6-Dibromo*meso*benzanthrone-8-carboxylic acid, 1102.
$C_{18}H_9O_5N_4$ Dinitro-1′:8′-naphthoylene-1:2-benziminazoles, 1766.
$C_{18}H_9O_3N$ Nitro*meso*benzanthrones, 1102.
$C_{18}H_9O_3Br$ Bromo*meso*benzanthrone-8-carboxylic acids, 1102.
$C_{18}H_9O_5N$ Nitro*meso*benzanthrone-8-carboxylic acids, 1102.
$C_{18}H_{12}O_4N_2$ 6-Nitropiperonylidene-α-naphthylamine, 836.
$C_{18}H_{12}Cl_3P$ Trichlorophenylphosphines, 533.
$C_{18}H_{13}O_2N$ Nitro-1:4-diphenylbenzenes, 1441.
$C_{18}H_{13}O_5N$ β-Keto-α-cyano-αγ-dipiperonylpropane, 839.
$C_{18}H_{14}O_2N_2$ 6-Aminopiperonylidene-α-naphthylamine, 836.
$C_{18}H_{14}O_4N_2$ β-Imino-α-cyano-αγ-dipiperonylpropane, 839.
$C_{18}H_{15}O_3N$ 4-Phenylacetyl-2-methylhomophthalimide, 1313.
2-Phenyl-4-(2′-methoxy-*m*-tolylidene)oxazolone, 261.
β-*p*-Toluoyl-α-3:4-methylenedioxyphenylpropionitrile, 1803.
$C_{18}H_{15}O_4N$ β-Keto-α-cyano-γ-benzyloxy-α-piperonylpropane, 1649.
$C_{18}H_{15}O_4Br$ *p*-Tolyl 6-bromo-β-methoxy-3:4-methylenedioxystyryl ketone, 1804.
$C_{18}H_{15}O_5Br$ β-*p*-Toluoyl-α-6-bromo-3:4-methylenedioxyphenylpropionic acid, 1803.
$C_{18}H_{15}O_6N$ 7-Nitrobenzoyloxy-2:2-dimethylchromanone, 1532.
$C_{18}H_{16}O_4N_4$ 2-Carbethoxyindole-3-aldehyde *p*-nitrophenylhydrazone, 473.
2-Nitrobenzeneazo*cyclo*pentanone-2-carboxyanilides, 812.
$C_{18}H_{16}O_4Cl_2$ *p*-Tolyl α-chloro-β-methoxy-β-6-chloro-3:4-methylenedioxyphenylethyl ketone, 1802.
$C_{18}H_{16}O_4Br_2$ *p*-Tolyl α-bromo-β-methoxy-β-6-bromo-3:4-methylenedioxyphenylethyl ketone, 1802.
$C_{18}H_{16}O_6N_2$ Methyl *s*-dibenzoylhydrazine-2:2′-dicarboxylate, 22.
$C_{18}H_{17}O_3N$ 4-Phenoxy-2-ethoxy-2-methylquinoline, 426.
β-*p*-Toluoyl-α-*p*-anisylpropionitrile, 1802.
$C_{18}H_{17}O_3N_3$ 2′-Acetamido-3-phenyl-1:4′-dimethylphthalaz-4-one, 98.
$C_{18}H_{17}O_4Cl$ *p*-Tolyl α-chloro-β-methoxy-β-3:4-methylenedioxyphenylethyl ketone, 1802.
$C_{18}H_{17}O_4Br$ *p*-Tolyl α-bromo-β-methoxy-β-3:4-methylenedioxyphenylethyl ketone, 1802.
$C_{18}H_{17}O_5Br$ *o*-Hydroxyphenyl α-bromo-β-ethoxy-β-3:4-methylenedioxystyryl ketone, 1804.
$C_{18}H_{17}O_6N_3$ Trinitro-4-*cyclo*hexyldiphenyl, 1442.
$C_{18}H_{18}ON_2$ *cyclo*Pentanone-2-carboxyanilide anil, 810.
$C_{18}H_{18}O_3Cl_2$ *p*-Tolyl α-chloro-β-methoxy-β-3-chloro-*p*-anisylethyl ketone, 1802.
$C_{18}H_{18}O_3Br_2$ *p*-Tolyl α-bromo-β-methoxy-β-3-bromo-*p*-anisylethyl ketone, 1802.
$C_{18}H_{18}O_6N_4$ 7-Hydroxy-6-formyl-2:2-dimethylchroman 2:4-dinitrophenylhydrazone, 1544.
$C_{18}H_{18}O_7N_4$ 5-Hydroxy-7-methoxy-2:2-dimethylchromanone 2:4-dinitrophenylhydrazone, 1539.
$C_{18}H_{18}O_8N_8$ δ-Acetobutaldehyde bis-2:4-dinitrophenylhydrazone, 302.
$C_{18}H_{19}ON$ 2-Benzamido-1:4-diphenylbenzene, 1441.
$C_{18}H_{19}O_2N$ Nitro-4-*cyclo*hexyldiphenyls, 1441.
4-*p*-Tolyloxy-6-ethoxy-2-methylquinoline, 426.
$C_{18}H_{19}O_3N_5$ *cyclo*Hexane-1:2-phenylhydrazone *p*-nitrophenylhydrazone, 813.
$C_{18}H_{19}O_3Cl$ *p*-Tolyl α-chloro-β-methoxy-β-*p*-anisylethyl ketone, 1802.
$C_{18}H_{19}O_3Br$ *p*-Tolyl α-bromo-β-methoxy-β-*p*-anisylethyl ketone, 1802.
$C_{18}H_{19}N_2Br_3$ 4-*cyclo*Hexyldiphenyl-4′-diazonium perbromide, 1442.
$C_{18}H_{20}O_2S$ Dehydro-ψ-cumenol sulphide, 1021.
$C_{18}H_{20}O_4N_2$ 3:3-Diacetamido-4:4′-dimethoxydiphenyl, 38.
$C_{18}H_{20}O_4N_4$ Cuminyl methyl ketone 2:4-dinitrophenylhydrazone, 763.
$C_{18}H_{20}O_5N_4$ Methyl δ-phenoxybutyl ketone 2:4-dinitrophenylhydrazone, 724.
$C_{18}H_{20}N_2I$ 1:1′-Diethyl-2-pyrido-2′-azacyanine iodide, 909.
1:2′-Diethyl-2-pyrido-1′-azacyanine iodide, 910.

$C_{18}H_{21}ON_3$ Phenyl-*p*-tolylethylacetaldehyde semicarbazone, 1757.
(Phenyltolyl)methyl ethyl ketone semicarbazones, 1757.
α-Tolylbutyrophenone semicarbazones, 1757.
$C_{18}H_{21}O_3N$ γ-Carbethoxyvalero-β-naphthylamide, 72.
Ethyl δ-phenoxy-α-2-pyridyl-*n*-valerate, 969.
Hexahydrocarbazole-1:11-ββ′-dipropionic acid, lactam, 946.
$C_{18}H_{22}O_4N_2$ Ethyl 2-keto-2:3-dihydro-β-carboline-4-orthoformate, 472.
$C_{18}H_{22}O_8N_4$ 1:6-Dimethyl-$\Delta^{9:10}$-4-octalone 2:4-dinitrophenylhydrazone, 823.
$C_{18}H_{23}ON$ Dodecahydrochrysene oxime, 1583.
$C_{18}H_{24}O_2N_2$ 1:8-Di-2′-pyrroyloctane, 717.
$C_{18}H_{25}O_5N$ Jacodine, 586.
$C_{18}H_{25}O_6N$ Jacobine, and its nitrate, 585.
$C_{18}H_{25}O_6N$ Jaconine, 586.
$C_{18}H_{27}O_3N$ Ethyl δ-phenoxy-α-2-piperidyl-*n*-valerate, 969.

18 IV

$C_{18}H_{12}OCl_3P$ Trichlorophenylphosphine oxides, 533.
$C_{18}H_{12}O_4N_2S_2$ 2:4-Dinitro-1:5-diphenylthiobenzene, 248.
$C_{18}H_{12}O_8N_2S_2$ 2:4-Dinitro-1:5-diphenylsulphonylbenzene, 248.
$C_{18}H_{14}O_3NBr$ β-*p*-Toluoyl-α-6-bromo-3:4-methylenedioxyphenylpropionitrile, 1803.
$C_{18}H_{15}O_2N_3S$ Dibenzoyl-2-amino-5-methyl-1:3:4-thiadiazine, 558.
$C_{18}H_{16}O_2NCl$ 4-*p*-Chlorophenoxy-6-ethoxy-2-methylquinoline, 426.
β-*p*-Toluoyl-α-3-chloro-*p*-anisylpropionitrile, 1803.
$C_{18}H_{16}O_2NBr$ β-*p*-Toluoyl-α-3-bromo-*p*-anisylpropionitrile, 1802.
$C_{18}H_{16}O_3ClBr$ *p*-Tolyl α-bromo-β-methoxy-β-3-chloro-*p*-anisylethyl ketone, 1802.
$C_{18}H_{19}O_4N_3S$ 2:4-Dinitro-5-piperidino-4′-methyl diphenyl sulphide, 248.
$C_{18}H_{19}O_8N_3S$ 2:4-Dinitro-5-piperidino-4′-methyldiphenylsulphone, 248.
$C_{18}H_{20}O_4N_2S$ Nitropiperidino-4′-methyldiphenylsulphones, 245.
$C_{18}H_{20}N_3BrSe$ Benzselenazole-1-aldehyde ethobromide *p*-dimethylaminoanil, 910.
$C_{18}H_{21}O_2NS$ Piperidino-4′-methyldiphenylsulphones, 245.
$C_{18}H_{21}O_2SNa$ Sodium ψ-cumenol sulphide, 1021.
$C_{18}H_{22}O_4N_2S$ *m*-Nitrobenzenesulphonyl-*n*-hexylaniline, 1121.
$C_{18}H_{23}O_2NS$ *p*-Toluenesulphonamido-*n*-amylbenzene, 1120.

18 V

$C_{18}H_{11}O_6NCl_2S_2$ 1-Nitro-2:5-di-*p*-chlorobenzenesulphonylbenzene, 244.
$C_{18}H_{20}O_2NClS$ 4-Chloro-2-piperidino-4′-methyldiphenylsulphone, 245.
$C_{18}H_{23}O_4N_2ClS_2$ Di-*p*-toluenesulphonyl-*N*-β-chloroethylethylenediamine, 1471.
$C_{18}H_{24}O_2NSP$ *p*-Tolyldiethylphosphine-*p*-toluenesulphonylimine, 534.

C_{19} Group.

$C_{19}H_{14}$ Methyl-1:2-benzanthracenes, 395.
$C_{19}H_{18}$ Dimethyl*cyclo*pentenophenanthrene, 419.
$C_{19}H_{22}$ β-9-Fluorenyl-β-methylpentane, 1742.
$C_{19}H_{26}$ 4′-Methyldodecahydro-1:2-benzanthracene, 396.
6-Methyldodecahydrochrysene, 1584.
2-(β-*o*-Tolylethyl)-$\Delta^{2:3}$-octalin, 396.

19 II

$C_{19}H_{12}O_2$ 4′-Methyl-1:2-benzanthraquinone, 396.
$C_{19}H_{14}O_2$ (1-Naphthyl)methylphthalide, 395.
$C_{19}H_{14}O_5$ 7-Methoxy-8-(*o*-carboxyphenyl)-1-naphthoic acid, 537.
$C_{19}H_{14}O_6$ 7-Acetoxy-3′:4′-methylenedioxy-2-methyl*iso*flavone, 806.
$C_{19}H_{16}O_2$ Dehydro-1-(2′-hydroxy-3′:5′-dimethylbenzyl)-2-naphthol, 1936.
6-Keto-2:3-epoxy-7:7-diphenyl*bicyclo*[3, 2, 0]heptane, 1838.
o-α-(1-Naphthyl)ethylbenzoic acid, 395.
$C_{19}H_{16}O_4$ 1:4-Diacetoxy-2-methylphenanthrene, 262.
3:4-Diacetoxy-1-methylphenanthrene, 513.
$C_{19}H_{17}N$ Diphenyl-*p*-tolylamine, preparation of, 627.
$C_{19}H_{18}O_2$ 1-(2-Hydroxy-3:5-dimethylbenzyl)-2-naphthol, 1351.
3-Keto-1-furyl-2-methylhexahydrophenanthrene, 1587.
$C_{19}H_{18}O_3$ 2:3-Dihydroxy-6-keto-7:7-diphenyl*bicyclo*[3, 2, 0]heptane, 1839.
$C_{19}H_{18}O_6$ 4:4-Diphenylbutane-1:2:3-tricarboxylic acids, 1840.
$C_{19}H_{18}O_7$ 5-Hydroxy-3:6:7:4′-tetramethoxyflavone, 47.
$C_{19}H_{20}O$ Methyl β-9-fluorenyl-β-methyl-*n*-propyl ketone, 1740.
$C_{19}H_{20}O_3$ 2-Benzhydryl*cyclo*pentane-1-carboxylic acid, 1841.
7-Benzyloxy-2:2:4-trimethyl-Δ^3-chromen, 1534.
$C_{19}H_{20}O_4$ 7-Benzyloxy-5-methoxy-2:2-dimethylchromanone, 1539.
3:4-Dihydroxy-2-benzhydryl*cyclo*pentane-1-carboxylic acids, 1839.
$C_{19}H_{20}O_5$ *O*-Acetyl-3′:4-dimethoxy-ω-salicylacetophenone, 42.
3:4:3′:4′-Tetramethoxychalkone, 837.
$C_{19}H_{20}O_6$ Acid, from methyl ketomethoxyphenylheptoate and γ-carbomethoxybutyryl chloride, 72.

$C_{19}H_{22}O_2$ Dehydrodi-2-hydroxy-3:5:6-trimethylphenylmethane, 1936.
3-Hydroxy-1-furyl-2-methyloctahydrophenanthrene, 1587.
$C_{19}H_{22}O_3$ Auroglaucin, 83.
$C_{19}H_{22}O_5$ α-Keto-αγ-diveratrylpropane, 837.
β-Veratrylethyl 2-hydroxy-4-ethoxyphenyl ketone, 44.
$C_{19}H_{24}O$ 2-Keto-16-methyldodecahydrochrysene, 1584.
$C_{19}H_{24}O_2$ Di-2-hydroxy-3:5:6-trimethylphenylmethane, sodium salt, 1936.
3-Keto-7-methoxy-2-methylhexahydro-1:2-*cyclo*pentanophenanthrenes, 1585.
$C_{19}H_{26}O$ 7-Methoxy-2-methylhexahydro-1:2-*cyclo*pentanophenanthrene, 1586.
$C_{19}H_{26}O_7$ Ethyl α-carbethoxy-β-phenoxymethylglutarate, 1061.
$C_{19}H_{28}O$ 2-(β-*o*-Tolylethyl)-*trans*-2-decalol, 396.
$C_{19}H_{28}O_3$ Flavoglaucin, 82.
$C_{19}H_{30}O_7$ Ethyl 6-carbethoxy*cyclo*hexanone-2:6-ββ′-dipropionate, 946.
$C_{19}H_{34}O_6$ 12 : 12-Dicarboxy-13-tetrahydrofuryltridecan-1-ol, 721.
$C_{19}H_{36}O_4$ *n*-Octyl malonate, 1811.

19 III

$C_{19}H_{11}O_2Br$ Methyl 1′-bromo*meso*benzanthrone-8-carboxylate, 1101.
$C_{19}H_{13}O_3N_3$ 5-Keto-2-phenyl-4-(2′-carboxyindolylidene)-4:5-dihydroglyoxaline, and its sodium salt, 469.
$C_{19}H_{14}ON_2$ Dibenzfuran-3-aldehyde phenylhydrazone, 779.
$C_{19}H_{14}O_2N_4$ Methylphthalaz-1:4-dione-5-azo-β-naphthols, and their salts, 1844.
$C_{19}H_{14}O_5N_2$ 2-Carboxyindole-3-(α-benzamido)acrylic acid, 469.
$C_{19}H_{15}O_2N_3$ 1-*p*-Nitrobenzyl-3:4-dihydrophenazine, 1703.
$C_{19}H_{15}O_5N$ 4-(3′:4′-Methylenedioxyphenyl)acetyl-2-methylhomophthalimide, 1314.
$C_{19}H_{16}N_2Br$ 1-*p*-Bromophenyl-3-phenyl-3-benzyltriazen, 324.
$C_{19}H_{17}OBr_3$ Tribromomethyl β-9-fluorenyl-β-methyl-*n*-propyl ketone, 1744.
$C_{19}H_{17}O_3N$ 4-Phenylacetyl-2:4-dimethylhomophthalimide, 1313.
$C_{19}H_{17}O_4Br$ *p*-Tolyl 6-bromo-β-ethoxy-3:4-methylenedioxystyryl ketone, 1804.
$C_{19}H_{17}O_5N$ 4-(3′:4′-Dimethoxyphenyl)acetylhomophthalimide, 1314.
γ-Keto-α-cyano-α-veratryl-γ-piperonylpropane, 839.
$C_{19}H_{18}OBr_2$ Dibromomethyl β-9-fluorenyl-β-methyl-*n*-propyl ketone, 1744.
$C_{19}H_{18}O_4N_4$ 2-*p*-Nitrobenzeneazo*cyclo*hexanone-2-carboxyanilide, 813.
$C_{19}H_{18}O_4Cl_2$ *p*-Tolyl α-chloro-β-ethoxy-β-6-chloro-3:4-methylenedioxyphenylethyl ketone, 1802.
$C_{19}H_{18}O_4Br_2$ *p*-Tolyl α-bromo-β-ethoxy-β-6-bromo-3:4-methylenedioxyphenylethyl ketone, 1802.
$C_{19}H_{19}O_3N_3$ 5-Nitro-4-*p*-anisoxy-6-ethoxy-2-methylquinoline, 426.
4-*m*-Nitro-*p*-methoxyphenoxy-6-ethoxy-2-methylquinoline, 426.
$C_{19}H_{19}OCl$ 4-*cyclo*Hexyldiphenyl-4′-carboxylyl chloride, 1442.
$C_{19}H_{19}O_3N$ 4-*p*-Anisoxy-6-ethoxy-2-methylquinoline, 426.
Nitromethyl β-9-fluorenyl-β-methyl-*n*-propyl ketone, 1744.
$C_{19}H_{19}O_4N$ β-Keto-α-cyano-γ-benzyloxy-α-veratrylpropane, 1649.
$C_{19}H_{19}O_4Cl$ *p*-Tolyl α-chloro-β-ethoxy-β-3:4-methylenedioxyphenylethyl ketone, 1802.
$C_{19}H_{19}O_4Br$ *p*-Tolyl α-bromo-β-ethoxy-β-3:4-methylenedioxyphenylethyl ketone, 1802.
$C_{19}H_{19}O_5N$ 7-*p*-Nitrobenzoyloxy-2:2:4-trimethylchroman, 1534.
$C_{19}H_{19}O_6N$ α-Veratryl-β-piperonylpropionamide, 839.
$C_{19}H_{20}O_3N_2$ 4-*m*-Amino-*p*-methoxyphenoxy-6-ethoxy-2-methylquinoline, 426.
$C_{19}H_{20}O_3Cl_2$ *p*-Tolyl α-chloro-β-ethoxy-β-3-chloro-*p*-anisylethyl ketone, 1802.
$C_{19}H_{20}O_3Br_2$ *p*-Tolyl α-bromo-β-ethoxy-β-3-bromo-*p*-anisylethyl ketone, 1802.
$C_{19}H_{20}O_4S_2$ ββ-Benzylsulphonylethylsulphonyl-α-phenylbutadiene, 315.
$C_{19}H_{20}O_6N_4$ αγ-Benzylidenedioxy-β-acetyl-β-methylpropane 2:4-dinitrophenylhydrazone, 843.
$C_{19}H_{20}O_7N_4$ 4:6-Dimethoxy-2-*iso*propyl(β)coumaranone 2:4-dinitrophenylhydrazone, 285.
5:7-Dimethoxy-2:2-dimethylchromanone 2:4-dinitrophenylhydrazone, 284.
$C_{19}H_{21}ON$ Aminomethyl β-9-fluorenyl-β-methyl-*n*-propyl ketone, 1745.
Methyl β-9-fluorenyl-β-methyl-*n*-propyl ketoxime, 1744.
$C_{19}H_{21}O_3Cl$ *p*-Tolyl α-chloro-β-ethoxy-β-*p*-anisylethyl ketone, 1802.
$C_{19}H_{21}O_3Br$ *p*-Tolyl α-bromo-β-ethoxy-β-*p*-anisylethyl ketone, 1802.
$C_{19}H_{21}O_6N$ Substance, from rottlerin tetramethyl ether and nitrous acid, 1864.
$C_{19}H_{22}O_2N_2$ *neoapo*Quinidine, and its salts, 596.
$C_{19}H_{24}O_2N_2$ α- and β-Hydroxydihydro*apo*quinidines, and their salts, 598.
β-Hydroxydihydro*apo*quinine, and its salts, 600.
$C_{19}H_{24}O_6N_4$ Ethyl *cis*- and *trans*-2-decalone-3-carboxylate 2:4-dinitrophenylhydrazones, 824.
$C_{19}H_{25}O_5N$ Ethyl α-carbethoxy-γ-cyano-β-phenoxymethyl-α-ethylbutyrate, 1061.
$C_{19}H_{26}O_2N_2$ *epi*-C_{19}-Dihydroquinidine, 597.
$C_{19}H_{29}ON_3$ 3-Keto-Δ^4-hexadecahydro-1:2-benzanthracene semicarbazones, 826.
$C_{19}H_{31}O_5N_3$ Ethyl 3-carbethoxy-1-methyl-4-*iso*propenyl*cyclo*hexan-2-one-1-β-propionate semicarbazone, 1579.
$C_{19}H_{35}O_4Br$ *sec.*-Octyl bromomalonate, 1811.

19 IV

$C_{19}H_{10}ONCl_5$ *N*-Benzoylpentachlorodiphenylamine, 1956.
N-2:4-Dichlorophenylbenzimino-2:4:6-trichlorophenyl ether, 1956.
$C_{19}H_{11}O_9N_4Cl$ 5-Chloro-2′:4′-dinitro-2-*o*-nitrobenzoyloxydiphenyl ether, 41.
$C_{19}H_{11}O_8N_4I$ 5-Iodo-2′:4′-dinitro-2-*o*-nitrobenzamidodiphenyl ether, 40.
$C_{19}H_{12}ONCl_3$ *N*-Benzoyl-2:4:4′-trichlorodiphenylamine, 1955.
N-2:4-Dichlorophenylbenzimino-*p*-chlorophenyl ether, 1955.

$C_{19}H_{13}ONCl_2$ *N*-Benzoyl-2:4′-dichlorodiphenylamine, 1955.
N-*o*-Chlorophenylbenzimino-*p*-chlorophenyl ether, 1955.
$C_{19}H_{13}ONS_2$ Thianthrencarboxyanilide, 444.
$C_{19}H_{16}O_3NBr$ 4-*m*-Bromo-*p*-methoxyphenoxy-6-ethoxy-2-methylquinoline, 426.
$C_{19}H_{18}O_5NCl$ Carbethoxymethylaminodihydroxyflavylium chlorides, 455.
$C_{19}H_{19}N_4BrS_2$ 2:2′-Diethyl-αβ-diazadithiacarbocyanine bromide, 910.
$C_{19}H_{20}O_2ClBr$ *p*-Tolyl α-chloro-β-ethoxy-β-3-bromo-*p*-anisylethyl ketone, 1802.
$C_{19}H_{22}O_2NI$ 4-*p*-Tolyloxy-6-ethoxy-2-methylquinoline methiodide, 426.
$C_{19}H_{23}O_2NS$ 2-Piperidinodi-*p*-tolylsulphone, 246.
$C_{19}H_{24}O_4N_2S$ *m*-Nitrobenzenesulphonyl-*n*-heptylaniline, 1122.
$C_{19}H_{25}O_2NS$ *p*-Toluenesulphonyl-*n*-hexylaniline, 1121.

19 V

$C_{19}H_{13}ONClBr$ *N*-Benzoyl-4-chloro-4′-bromodiphenylamine, 1956.
N-*p*-Bromophenylbenzimino-*p*-chlorophenyl ether, 1956.
$C_{19}H_{19}O_2NClI$ 4-*p*-Chlorophenoxy-6-ethoxy-2-methylquinoline methiodide, 426.
$C_{19}H_{19}N_4BrSSe$ 2:2′-Diethyl-βγ-diazaselenathiacarbocyanine bromide, 910.
$C_{19}H_{34}O_2NSP$ Tri-*n*-butylphosphine-*p*-toluenesulphonylimine, 535.

C_{20} Group.

$C_{20}H_{16}$ 5-Ethyl-1:2-benzanthracene, 395.
$C_{20}H_{32}$ Dacrene, identity of, with phyllocladene, 79.
Sciadopitene, identity of, with phyllocladene, 79.
$C_{20}H_{36}$ Totarane, 518.

20 II

$C_{20}H_{14}O_2$ 5-Ethyl-1:2-benzanthraquinone, 395.
$C_{20}H_{14}O_4$ Methyl 11-methoxybenzanthrone-8-carboxylate, 537.
$C_{20}H_{16}O_2$ Dibenzyl-*p*-benzoquinone, 58.
$C_{20}H_{16}O_5$ *O*-Diethylenedeoxyhæmatoxylone, 52.
$C_{20}H_{16}O_6$ 7:8:3′:4′-Bisethylenedioxy-3-benzylidenechromanone, 51.
$C_{20}H_{16}O_7$ Diethylenehæmatoxylone, 52.
Piperonylideneveratrylsuccinic acid, 836.
Rubroglaucin acetate, 87.
$C_{20}H_{16}N_4$ 2:3-Dianilinoquinoxaline, 426.
$C_{20}H_{18}O_3$ 5-(3′:4′-Methylenedioxyphenyl)-3-*p*-tolyl-Δ^2-*cyclo*hexenone, 1804.
$C_{20}H_{18}O_6$ 7:8:3′:4′-Bisethylenedioxy-3-benzylchromanone, 51.
O-Diethylenehæmatoxylin, 52.
$C_{20}H_{19}N$ 2:4-Dibenzylaniline, 1125.
Phenyldi-*p*-tolylamine, preparation of, 627.
$C_{20}H_{20}O_4$ Deoxydimethylethylbrazilone, 45.
$C_{20}H_{20}O_5$ 2:5-Diveratrylfuran, 1648.
7-Methoxy-3-(4′-methoxy-3′-ethoxybenzylidene)chromanone, 44.
$C_{20}H_{20}O_6$ Cubebin, 391.
$C_{20}H_{20}O_7$ 6:7-Dimethoxy-3-(3′:4′-dimethoxy)phenacylphthalide, 1314.
Tangeritin, synthesis of, 46.
$C_{20}H_{22}O_4$ Methyl 3:4-dihydroxy-2-benzhydryl*cyclo*pentane-1-carboxylates, 1839.
$C_{20}H_{22}O_5$ Anhydro*iso*lariciresinol, 390.
1-Keto-6:7-dimethoxy-2-veratryl-1:2:3:4-tetrahydronaphthalene, 838.
β-Veratroyl-α-veratrylpropionic acid, 837.
$C_{20}H_{24}O_4$ 7-Methoxy-3-(4′-methoxy-3′-ethoxybenzyl)chromanone, 44.
$C_{20}H_{24}O_6$ αγ-Diveratrylbutyric acid, 838.
Ethyl β-veratryl-β-(2-hydroxy-4-methoxyphenyl)propionate, 742.
Lariciresinols, 388.
$C_{20}H_{26}O_2$ αδ-Di-(4-methoxy-*o*-tolyl)butane, 265.
αδ-Di-(5-methoxy-*o*-tolyl)butane, 511.
ε-*p*-Tolylethylpinacol, 1758.
$C_{20}H_{30}O$ Totarol, 516.
$C_{20}H_{32}O$ Dihydrototarol, 518.
$C_{20}H_{34}O$ Tetrahydrototarol, 519.
$C_{20}H_{34}O_4$ Ethyl di*cyclo*hexylsuccinates, 1452.
$C_{20}H_{35}N$ *p*-*n*-Heptylamino-*n*-heptylbenzene, and its salts, 1122.

20 III

$C_{20}H_{10}O_8N_4$ 4:8:4′:8′-Tetranitro-1:1′-dinaphthyl, 573.
$C_{20}H_{11}O_8N_5$ 4:8:4′:8′-Tetranitro-1:1′-dinaphthylamine, 573.
$C_{20}H_{12}O_4N_2$ 4:4′-Dinitro-2:2′-dinaphthyl, 124.
8:8′-Dinitro-1:1′-dinaphthyl, 573.
$C_{20}H_{12}O_5N_4$ 4:4′-Dinitro-2:2′-azoxynaphthalene, 984.
$C_{20}H_{13}O_3N$ 1-Hydroxy-3-phenyl-β-naphthaquinoline-2-carboxylic acid, 867.
$C_{20}H_{14}O_2N_2$ 2:3-Diphenoxyquinoxaline, 425.
$C_{20}H_{14}O_2S$ Di-2-hydroxy-1-naphthyl sulphide, alkali salts, 729.

$C_{20}H_{14}O_4N_2$ 2-Phenyl-4-(2′-carbomethoxyindolylidene)oxazolone, 469.
$C_{20}H_{14}O_8N_4$ 2′:4′-Dinitro-2-*o*-nitrobenzamido-5-methyldiphenyl ether, 40.
$C_{20}H_{14}N_2Cl_2$ Dibenzphenylenediamide di-imido-chlorides, 1644.
$C_{20}H_{15}O_2N$ *N*-Benzoyldiphenylamine-2-carboxylic acid, 1958.
$C_{20}H_{15}O_2Br$ Methyl 5-bromo-8-(*o*-carbomethoxyphenyl)-1-naphthoate, 1101.
$C_{20}H_{15}O_6N$ Methyl 5-nitro-8-*o*-carbomethoxyphenyl-1-naphthoate, 1102.
$C_{20}H_{16}O_3N_2$ *p*-Nitrobenzylideneaminodiphenylmethane, 1125.
$C_{20}H_{17}O_3N$ 4-Nitro-2:6-dibenzylphenol, 57.
$C_{20}H_{17}O_3Cl$ 5-(6′-Chloro-3′:4′-methylenedioxyphenyl)-3-*p*-tolyl-Δ^2-*cyclo*hexenone, 1804.
$C_{20}H_{17}O_3Br$ 5-(6′-Bromo-3′:4′-methylenedioxyphenyl)-3-*p*-tolyl-Δ^2-*cyclo*hexenone, 1804.
$C_{20}H_{18}N_2S$ *p*-Benzyl-$\alpha\beta$-diphenylthiourea, 1125.
$C_{20}H_{19}O_2Cl$ 5-*m*-Chloro-*p*-anisyl-3-*p*-tolyl-Δ^2-*cyclo*hexenone, 1804.
$C_{20}H_{19}O_2Br$ 5-*m*-Bromo-*p*-anisyl-3-*p*-tolyl-Δ^2-*cyclo*hexenone, 1804.
$C_{20}H_{19}O_3N$ 4-(3′:4′-Dimethoxyphenyl)acetyl-2-methylhomophthalimide, 1313.
$C_{20}H_{20}O_6N_2$ Methyl *s*-dibenzoyldimethylhydrazine-2:2′-dicarboxylate, 23.
$C_{20}H_{21}O_3N$ γ-Keto-α-cyano-$\alpha\gamma$-diveratrylpropane, 837.
$C_{20}H_{22}O_4N_2$ β-Imino-α-cyano-$\alpha\gamma$-diveratrylpropane, 840.
$C_{20}H_{22}O_4N_4$ 3-Methyl-7-*iso*propyl-1:2:3:4-tetral-1-one 2:4-dinitrophenylhydrazone, 763.
$C_{20}H_{22}O_7N_4$ 5:7-Dimethoxy-8-formyl-2:2-dimethylchroman 2:4-dinitrophenylhydrazone, 291.
$C_{20}H_{22}O_8N_2$ $\alpha\gamma$-Diacetyl-β-methylpropane bis-2:4-dinitrophenylhydrazone, 302.
$C_{20}H_{22}O_{10}N_2$ Dinitro-$\alpha\gamma$-diveratrylbutyric acid, 838.
$C_{20}H_{22}O_{11}N_4$ β-Glucovanillin 2:4-dinitrophenylhydrazone, 494.
$C_{20}H_{23}ON$ Acetamido-4-*cyclo*hexyldiphenyls, 1441.
$C_{20}H_{23}ON_3$ Methyl β-9-fluorenyl-β-methyl-*n*-propyl ketone semicarbazone, 1742.
$C_{20}H_{23}O_6N$ β-Veratroyl-α-veratrylpropionamide, 837.
$C_{20}H_{24}O_2N_2$ α-*iso*Quinidine, 597.
*neoiso*Quinidine, and its salts, 596.
ψ-Quinidine, and its salts, 596.
α- and β-*iso*Quinines, 599.
$C_{20}H_{24}O_4N_4$ 2-Keto-$\Delta^{1:13}$-dodecahydroanthracene 2:4-dinitrophenylhydrazone, 60.
$C_{20}H_{24}O_7N_4$ Ethyl *cis*-2-ketodecalyl-3-glyoxylate 2:4-dinitrophenylhydrazone, 824.
$C_{20}H_{25}O_4N$ 1-Amino-6:7-dimethoxy-2-veratryl-1:2:3:4-tetrahydronaphthalene, 838.
$C_{20}H_{26}O_2N_2$ *epi*-C_3-Dihydroquinine, and its dihydrobromide, 599.
$C_{20}H_{26}O_3N_2$ Hydroxydihydroquinidine, 598.
$C_{20}H_{26}O_4N_4$ 4:6-Dimethyl galactosazone, 1618.
$C_{20}H_{26}O_6N_4$ Ethyl 3-methyl-2-decalone-3-carboxylate 2:4-dinitrophenylhydrazones, 825.
$C_{20}H_{27}O_4N_3$ Ethyl 1-keto-7-methoxy-2-methyloctahydrophenanthrene-2-carboxylate semicarbazone, 62.
$C_{20}H_{31}O_4N_3$ Phyllocladene nitrosate, 80.
$C_{20}H_{33}ON$ *p*-Acetamidododecylbenzene, 1123.

20 IV

$C_{20}H_{10}O_4N_2Br_2$ 4:4′-Dibromo-8:8′-dinitro-1:1′-dinaphthyl, 573.
$C_{20}H_{10}O_4N_2I_2$ 4:4′-Di-iodo-3:3′-dinitro-1:1′-dinaphthyl, 124.
$C_{20}H_{11}O_2N_2Cl_3$ *N*-2-Chlorophenyl-*N*-4-chlorophenyl-*N′N′*-4-chlorophthalylhydrazine, 1956.
$C_{20}H_{12}ONBr_3$ *N*-Benzoyl-4:6:4′-tribromodiphenylamine-2-carboxylic acid, 1958.
$C_{20}H_{12}ON_2Br_2$ 5:5′-Dibromo-α-azoxynaphthalene, 1621.
$C_{20}H_{12}O_2N_2Cl_2$ 2:3-Di-*p*-chlorophenoxyquinoxaline, 425.
$C_{20}H_{12}O_2Br_2S$ Di-3-bromo-2-hydroxy-1-naphthyl sulphide, sodium salt, 729.
$C_{20}H_{12}O_4N_2S$ Dinitrodinaphthyl sulphides, 1353.
$C_{20}H_{12}O_4N_2S_2$ Dinitrodinaphthyl disulphides, 1353.
$C_{20}H_{13}O_3NCl_2$ *N*-Benzoyl-2:4-dichlorodiphenylamine-2′-carboxylic acid, 1957.
$C_{20}H_{14}ONCl_3$ *N*-*p*-Toluoyl-2:4:4′-trichlorodiphenylamine, 1955.
$C_{20}H_{14}O_3NCl$ *N*-Benzoyl-4-chlorodiphenylaminecarboxylic acids, 1957.
$C_{20}H_{15}O_6Cl_4Fe$ 6:7:7′:8′-Bisethylenedioxychromeno(4′:3′:2:3)benzopyrylium ferrichloride, 51.
$C_{20}H_{16}O_4N_2S_2$ 2:4-Dinitro-1:5-di-*p*-tolylthiobenzene, 247.
$C_{20}H_{16}O_8N_2S_2$ 2:4-Dinitro-1:5-di-*p*-tolylsulphonylbenzene, 248.
$C_{20}H_{19}O_2NS$ *p*-Toluenesulphonphenylbenzylamide, 1118.
$C_{20}H_{19}O_4Cl_4Fe$ 4′:5′-Dimethoxy-7-ethoxybrazylium ferrichloride, 44.
7:5′-Dimethoxy-4′-ethoxybrazylium ferrichloride, 45.
$C_{20}H_{19}O_7N_2Cl$ Betanidin chloride, 448.
$C_{20}H_{20}O_4N_2S_2$ 2:4-Diamino-1:5-di-*p*-tolylsulphonylbenzene, 248.
$C_{20}H_{20}O_7N_4S$ 4-Phenyl-3-*iso*amylthiazolium picrate, 363.
$C_{20}H_{21}O_5N_2I$ 4-*m*-Nitro-*p*-methoxyphenoxy-6-ethoxy-2-methylquinoline methiodide, 426.
$C_{20}H_{23}O_2NI$ 4-*p*-Anisoxy-6-ethoxy-2-methylquinoline methiodide, 426.
$C_{20}H_{27}O_3NS$ *p*-Toluenesulphonyl-*n*-heptylaniline, 1122.
$C_{20}H_{27}O_4N_3S_3$ 1:4-Di-*p*-toluenesulphonyl-1:4:7-triaza*cyclo*nonane, and its hydrochloride, 1471.
$C_{20}H_{28}O_6N_2S_2$ *NN′*-Di-*p*-toluenesulphonyl-*NN′*-bis-(β-hydroxyethyl)ethylenediamine, 1470.
$C_{20}H_{30}O_4N_4S_2$ *NN′*-Di-*p*-toluenesulphonyl-*NN′*-bis-(β-aminoethyl)ethylenediamine, and its dihydrochloride, 1471.
$C_{20}H_{32}ONCl$ Phyllocladene nitrosochloride, 80.

20 V

$C_{20}H_{26}O_4N_2Cl_2S_2$ *NN′*-Di-*p*-toluenesulphonyl-*NN′*-bis-(β-chloroethyl)ethylenediamine, 1471.

C_{21} Group.

$C_{21}H_{14}O_2$ Dehydrodi-2-hydroxy-1-naphthylmethane, 1931.
3:3-Diphenylindanedione, 628.
$C_{21}H_{16}O$ 3-Hydroxy-9-methylcholanthrene, 1828.
$C_{21}H_{16}O_2$ Di-2-hydroxy-1-naphthylmethane, alkali salts, 729.
$C_{21}H_{18}O_5$ Methyl 7-methoxy-8-(*o*-carbomethoxyphenyl)-1-naphthoate, 537.
$C_{21}H_{20}O$ *p*-Phenylphenacyl-γ-carboxypropylideneacetone, 1587.
$C_{21}H_{20}O_7$ γ-Hydroxy-α-veratroyl-γ-veratryl-Δ^{β}-butenolactone, 1648.
$C_{21}H_{21}N_3$ 1-*p*-Dimethylaminobenzyl-3:4-dihydrophenazine, 1703.
$C_{21}H_{21}P$ Tritolylphosphines, 530.
$C_{21}H_{22}O_4$ 6:7-Dimethoxy-1-veratryl-3-methylnaphthalene, 1648.
$C_{21}H_{22}O_6$ αβ-Diveratroylethane, 1648.
$C_{21}H_{24}O_4$ Ethyl β-3:4-dihydroxy-2-benzhydryl*cyclo*pentane-1-carboxylate, 1839.
$C_{21}H_{24}O_6$ *O*-Trimethylethyldihydrobrazileinol, 45.
$C_{21}H_{26}O_6$ δ-Keto-β-hydroxymethyl-αδ-diveratroylpropane, 1648.
*iso*Lariciresinol methyl ether, 389.
$C_{21}H_{30}O_2$ Totarol formate, 518.
$C_{21}H_{30}O_7$ Ethyl α-carbethoxy-β-phenoxymethyl-α-ethylglutarate, 1061.
$C_{21}H_{32}O$ Totaryl methyl ether, 518.
$C_{21}H_{32}O_2$ Dihydrototaryl formate, 518.

21 III

$C_{21}H_{12}O_2Br_2$ Dehydrodibromohydroxy-1-naphthylmethanes, 1935.
$C_{21}H_{13}O_2Br$ 3-Bromodehydrodi-2-hydroxy-1-naphthylmethane, 1934.
$C_{21}H_{13}O_4N$ Nitrodehydrodi-2-hydroxy-1-naphthylmethane, 1934.
$C_{21}H_{14}O_2Br_2$ Bis-(6-bromo-2-hydroxynaphthyl-1)-methane, 1350.
Dehydrodi-2-hydroxy-1-naphthylmethane 3:4-dibromide, 1934.
Dibromohydroxy-1-naphthylmethanes, 1934.
$C_{21}H_{14}O_6N_2$ αδ-Diphthalimido-γ-valerolactone, 1168.
$C_{21}H_{15}ON$ 2-Anilino-3-phenylindone, 112.
$C_{21}H_{15}O_2Br$ Bromodi-2-hydroxynaphthyl-1-methanes, 1350.
6-Bromodi-2-hydroxy-1-naphthylmethane, sodium salt, 1936.
$C_{21}H_{15}O_6B$ 4-Hydroxy*meso*benzanthrone boroacetate, 1792.
$C_{21}H_{16}O_4N_4$ α-Phenylcinnamaldehyde 2:4-dinitrophenylhydrazone, 547.
$C_{21}H_{16}O_9N_8$ *p*-Methoxyphenylglyoxal bis-2:4-dinitrophenylhydrazone, 370.
$C_{21}H_{17}O_2N$ Methyl *N*-benzoyldiphenylamine-2-carboxylate, 1958.
N-Phenylbenzimino-*o*-carbomethoxyphenyl ether, 1957.
$C_{21}H_{18}O_4N_4$ αβ-Diphenylpropaldehyde 2:4-dinitrophenylhydrazones, 548.
$C_{21}H_{18}O_5N_2$ Methyl 2-carbethoxyindole-3-(α-benzamido)acrylate, 469.
$C_{21}H_{18}O_5N_4$ 1-Keto-8-methoxytetrahydrophenanthrene 2:4-dinitrophenylhydrazone, 1621.
Phenylacetylphenylcarbinol 2:4-dinitrophenylhydrazone, 548.
$C_{21}H_{19}ON$ αβ-Diphenylpropanilide, 547.
$C_{21}H_{19}O_3N$ 4-Nitro-2:6-dibenzylphenyl methyl ether, 58.
$C_{21}H_{19}O_4N_3$ 2-Carbethoxyindole-3-(α-benzamido)acrylamide, 469.
$C_{21}H_{19}N_4I$ 1:1′-Dimethyl-αγ-diaza-2:2′-carbocyanine iodide, 911.
$C_{21}H_{21}ON$ Acetylcarvotanacetylamines, 241.
$C_{21}H_{21}O_3P$ Trianisylphosphines, 531.
$C_{21}H_{21}O_4P$ Tri-*m*-anisylphosphine oxide, 532.
$C_{21}H_{21}N_3S$ *S*-(*p*-Dimethylaminophenyl)-*NN*′-diphenyl*iso*thiocarbamide, 1633.
$C_{21}H_{22}ON_2$ 1-Keto-7-methoxyhexahydrophenanthrene phenylhydrazone, 63.
$C_{21}H_{23}O_2N$ Acetylmethyl β-9-fluorenyl-β-methyl-*n*-propyl ketoxime, 1744.
$C_{21}H_{23}O_3N$ *cis*-β-Phenoxymethyl-α-ethylglutaric-*p*-tolylimide, 1060.
$C_{21}H_{23}O_4N$ 6:7:4′:5′-Tetramethoxy-3:4:11:12-tetrahydro-1:2-benzphenanthridine, 838.
$C_{21}H_{23}O_4Cl$ 6:7-Dimethoxy-1-veratryl-3-chloromethyl-3:4-dihydronaphthalene, 1648.
$C_{21}H_{22}O_6N_2$ Cubebin semicarbazone, 391.
$C_{21}H_{24}O_4N_4$ 1:10-Dimethyl-7-*iso*propenyl-$\Delta^{1(9)}$-octal-2-one 2:4-dinitrophenylhydrazone, 1579.
$C_{21}H_{25}O_5N$ 1-Formamido-6:7-dimethoxy-2-veratryl-1:2:3:4-tetrahydronaphthalene, 838.
$C_{21}H_{26}O_4N_4$ 1:10-Dimethyl-7-*iso*propenyl-$\Delta^{1(9)}$-octal-2-one 2:4-dinitrophenylhydrazone, 1580.

21 IV

$C_{21}H_{14}O_2NBr_3$ *N*-*p*-Bromophenylbenzimino-4′:6′-dibromo-2′-carbomethoxyphenyl ether, 1958.
Methyl *N*-benzoyl-4:6:4′-tribromodiphenylamine-2-carboxylate, 1958.
$C_{21}H_{15}O_2NCl_2$ *N*-2:4-Dichlorophenylbenzimino-*o*-carbomethoxyphenyl ether, 1957.
Methyl *N*-benzoyl-2:4-dichlorodiphenylamine-2′-carboxylate, 1957.
$C_{21}H_{16}ON_2Br_2$ *p*-Dimethylaminophenyl-2′:7′-dibromodiphenylenemethylenenitrone, 1628.
$C_{21}H_{16}O_2NCl$ *N*-*p*-Chlorophenylbenziminocarbomethoxyphenyl ethers, 1956.
Methyl *N*-benzoyl-4-chlorodiphenylaminecarboxylates, 1956.
$C_{21}H_{16}O_4NCl$ *N*-Benzoyl-4-chloro-4′-methoxydiphenylamine-2-carboxylic acid, 1958.
$C_{21}H_{12}O_2Br_3P$ Tribromotri-*o*-anisylphosphine oxide, 532.
$C_{21}H_{21}N_4BrS$ 2:1′-Diethyl-αβ-diazathia-2′-carbocyanine bromide, 910.
$C_{21}H_{23}ON_2Br$ ω-(ε-Bromoamylcyanoamido)-ω-benzylacetophenone, 857.
$C_{21}H_{29}O_2NS$ *p*-Toluenesulphonamido-*n*-octylbenzene, 1122.
p-Toluenesulphonyl-*n*-octylaniline, 1122.

21 V

$C_{21}H_{21}N_2ISSe$ 2:2′-Diethylselenathiacarbocyanine iodide, 911.

C_{22} Group.

$C_{22}H_{14}N_4$ *NN′*-Di-(α-cyanobenzylidene)-*p*-phenylenediamine, 1645.
$C_{22}H_{16}O_2$ 4-Benzoyloxy-1-methylphenanthrene, 266.
$C_{22}H_{16}O_{10}$ Tetra-acetoxyanthraquinones, 254.
$C_{22}H_{18}O$ 3-Methoxy-9-methylcholanthrene, 1827.
$C_{22}H_{20}O_2$ 7-(6′-Methoxy-1′-naphthoyl)-4-methylhydrindene, 1827.
$C_{22}H_{20}N_4$ 2:3-Ditoluidinoquinoxalines, 426.
$C_{22}H_{22}O_3$ 2:6-Di-*p*-anisylphenol, 58.
$C_{22}H_{22}O_4$ 4:4′-Bis-(4:6-dimethyl-1:3-benzdioxinyls), 562.
$C_{22}H_{22}O_5$ Dehydroanhydro*iso*lariciresinol dimethyl ether, 1647.
$C_{22}H_{23}N_3$ Tribenzylguanidine, hydrochloride of, 828.
$C_{22}H_{24}O_8$ Methyl 4:4-diphenylbutane-1:2:3-tricarboxylates, 1840.
$C_{22}H_{26}O_4$ 6-(5-Hydroxyhydrindyl)methylpinacol, 561.
$C_{22}H_{26}O_5$ Anhydro*iso*lariciresinol dimethyl ether, 390.
$C_{22}H_{28}O_6$ Lariciresinol dimethyl ethers, 388.
$C_{22}H_{28}O_7$ α- and β-Kosins, 565.
Protokosin, 564.
$C_{22}H_{32}O_2$ Totaryl acetate, 518.
$C_{22}H_{39}N$ *p*-*n*-Octylamino-*n*-octylbenzene, 1122.

22 III

$C_{22}H_8O_2Br_2$ 2:7-Dibromoanthanthrone, 1103.
$C_{22}H_{12}O_4Br_2$ 6:6′-Dibromo-1:1′-dinaphthyl-2:2′-dicarboxylic acid, 1103.
$C_{22}H_{16}O_3N_2$ 2:4:6-Triphenoxypyrimidine, 425.
$C_{22}H_{17}O_2Cl$ 1′-Chloro-2′-keto-2-methoxy-1′:2′-dihydrodi-1-naphthylmethane, 1935.
$C_{22}H_{17}O_2Br$ 1′-Bromo-2′-keto-2-methoxy-1′:2′-dihydrodi-1-naphthylmethane, 1835.
$C_{22}H_{17}O_3N$ Ethyl hydroxyphenylnaphthaquinolinecarboxylates, 867.
$C_{22}H_{18}O_2N_2$ 2:3-Di-*p*-tolyloxyquinoxaline, 425.
$C_{22}H_{18}O_4N_2$ 2:3-Di-*p*-anisoxyquinoxaline, 425.
$C_{22}H_{19}ON$ Piperidino*meso*benzanthrone, 1094.
$C_{22}H_{19}O_3N$ *N*-Benzoyl-2:4-dimethyldiphenylamine-2′-carboxylic acid, 1957.
$C_{22}H_{20}O_6N_4$ 1-Keto-5:9-dimethoxytetrahydrophenanthrene 2:4-dinitrophenylhydrazone, 939.
$C_{22}H_{21}ON$ Acetyl-2:4-dibenzylaniline, 1125.
$C_{22}H_{22}O_3N_2$ 4-Methoxy-ω-salicylacetophenone phenylhydrazone, 42.
$C_{22}H_{24}O_5N_4$ Anhydrogalactosazone diacetate, 1324.
Anhydroglucosazone diacetate, 1323.
$C_{22}H_{26}O_2N_2$ Dibenzoyl-ε-2:3:5:6-tetramethylpiperazine, 369.
Homopilopic acid di-*p*-toluidides, 1060.
$C_{22}H_{27}O_{10}N$ Bougainvillæidin, 452.
$C_{22}H_{28}O_6N_2$ 1:10-Dimethyl-7-*iso*propenyldecal-2-ol 3:5-dinitrobenzoate, 1580.
$C_{22}H_{32}O_{10}N_2$ Glucosephenylhydrazone penta-acetate, 1324.
$C_{22}H_{33}O_2N$ Atisine, and its salts, 1642.

22 IV

$C_{22}H_{13}O_3N_2Cl_3$ 2:4:6-Tri-*p*-chlorophenoxypyrimidine, 425.
$C_{22}H_{18}O_4NCl$ *N*-*p*-Methoxyphenylbenzimino-*p*-chloro-*o*-carbomethoxyphenyl ether, 1958.
Methyl *N*-benzoyl-4-chloro-4′-methoxydiphenylamine-2-carboxylate, 1958.
$C_{22}H_{21}O_4N_2Cl$ 7-Hydroxy-8-*iso*valeryl-4-methylcoumarin *o*-chlorobenzoylhydrazone, 278.
$C_{22}H_{30}O_5NCl$ Hydroxylaudanosine methochlorides, 428.
$C_{22}H_{30}O_5NI$ Hydroxylaudanosine methiodides, 428.

C_{23} Group.

$C_{23}H_{14}O_3$ Methyl 7:8-benzo*meso*benzanthrone-4′-carboxylate, 1102.
$C_{23}H_{16}O_2$ 6-Phenyl-2-styrylchromone, 772.
$C_{23}H_{18}O_2$ 3-Acetoxy-9-methylcholanthrene, 1827.
$C_{23}H_{18}O_3$ 2-Acetoxy-2-hydroxydi-1-naphthylmethane, 1935.
$C_{23}H_{20}O_7$ Dehydrosumatrol, 501.
$C_{23}H_{22}O_4$ Diacetyl-1-(2-hydroxy-3:5-dimethylbenzyl)-2-naphthol, 1351.
$C_{23}H_{22}O_5$ 2:3-Diacetoxy-6-keto-7:7-diphenyl*bicyclo*[3, 2, 0]heptane, 1839.
Ethyl 6-(3′:4′-methylenedioxyphenyl)-4-*p*-tolyl-Δ^3-*cyclo*hexen-2-one-1-carboxylate, 1804.
$C_{23}H_{22}O_7$ Dehydrodihydrosumatrol, 502.
Sumatrol, 497.
$C_{23}H_{24}O_7$ Dehydrotetrahydrosumatrol, 502.
Dihydrosumatrol, 502.
$C_{23}H_{24}O_8$ Sumatrolic acid, 502.
$C_{23}H_{26}O_4$ *p*-Phenylphenacyl 8-ketononoate, 723.
$C_{23}H_{26}O_7$ Tetrahydrosumatrol, 501.

$C_{23}H_{26}O_8$ Ethyl αβ-diveratroylpropionate, 1647.
$C_{23}H_{26}O_9$ *allo*Dihydrotoxicarolic acid, 1541.
$C_{23}H_{44}O_5$ αα′-Didecoin, 1412.

23 III

$C_{23}H_{12}O_2Br_2$ Methyl dibromobenzo*meso*benzanthronecarboxylate, 1102.
$C_{23}H_{17}O_2N$ Benzoylphenyl-1-*iso*quinolylcarbinol, 1725.
$C_{23}H_{17}O_2Br$ 1′-Bromo-2′-keto-2-acetoxy-1′:2′-dihydrodi-1-naphthylmethane, 1935.
$C_{23}H_{17}O_5N_5$ Anisyl 2-quinolyl ketone 2:4-dinitrophenylhydrazone, 1725.
$C_{23}H_{18}O_6N_2$ 4-Methyl-5-ethylpyrocatechol di-*p*-nitrobenzoate, 430.
$C_{23}H_{20}ON_2$ 2-*p*-Dimethylaminoanilino-3-phenylindone, 112.
$C_{23}H_{21}O_2N$ *dl*-α-Phenyl-γ-methylallyl *p*-xenylurethane, 215.
$C_{23}H_{21}O_3N$ Methyl *N*-benzoyl-2:4-dimethyldiphenylamine-2′-carboxylate, 1957.
4-*m*-Xylylbenzimino-2′-carbomethoxyphenyl ether, 1957.
$C_{23}H_{21}O_5Cl$ Ethyl 6-(6′-chloro-3′:4′-methylenedioxyphenyl)-4-*p*-tolyl-Δ^3-*cyclo*hexen-2-one, 1804.
$C_{23}H_{21}O_5Br$ Ethyl 6-(6′-bromo-3′:4′-methylenedioxyphenyl)-4-*p*-tolyl-Δ^3-*cyclo*hexen-2-one-1-carboxylate, 1804.
$C_{23}H_{22}O_4N_4$ Phenyltolylethylacetaldehyde 2:4-dinitrophenylhydrazones, 1757.
r-*m*-Tolyl α-phenylpropyl ketone 2:4-dinitrophenylhydrazone, 1759.
$C_{23}H_{22}O_5N_2$ Ethyl 2-carbethoxyindole-3-(α-benzamido)acrylate, 469.
$C_{23}H_{23}O_4Cl$ Ethyl 6-*m*-chloro-*p*-anisyl-4-*p*-tolyl-Δ^3-*cyclo*hexen-2-one-1-carboxylate, 1804.
$C_{23}H_{23}O_4Br$ Ethyl 6-*m*-bromo-*p*-anisyl-4-*p*-tolyl-Δ^3-*cyclo*hexen-2-one-1-carboxylate, 1804.
$C_{23}H_{23}O_7N$ Sumatrol oxime, 501.
Toxicarol oxime, 1540.
$C_{23}H_{23}N_4I$ 1:1′-Diethyl-αγ-diaza-2:2′-carbocyanine iodide, 911.
$C_{23}H_{24}O_3N_2$ 3′:4-Dimethoxy-ω-salicylacetophenone phenylhydrazone, 42.
$C_{23}H_{25}ON$ 2-Dimethylamino-1-hydroxy-1:1:3-triphenylpropane, 856.
$C_{23}H_{25}N_3S$ *S*-(*p*-Diethylaminophenyl)-*NN*′-diphenyl*iso*thiocarbamide, 1633.
$C_{23}H_{26}O_9N_4$ *l*-Arabinosazone triacetate, 1323.
d-Xylosazone triacetate, 1323.
$C_{23}H_{26}O_5S$ 6-*p*-Toluenesulphonyl 3:5-benzylidene acetone glucose, 253.
$C_{23}H_{30}O_{10}N_2$ Fructosemethylphenylhydrazone penta-acetate, 1324.
Glucosemethylphenylhydrazone penta-acetate, 1325.
$C_{23}H_{30}O_{10}S_2$ 2:3-Di-*p*-toluenesulphonyl 4:6-dimethyl β-methylglucoside, 1716.

23 IV

$C_{23}H_{23}N_2IS$ 2:1′-Diethylthia-2′-carbocyanine iodide, 910.
$C_{23}H_{25}O_3N_2S$ *d*-*o*-(2-Dimethylaminophenyl)phenyltrimethylammonium benzenesulphonate, 89.

C_{24} Group.

$C_{24}H_{10}N_{16}$ Tetrapyrazinoporphyrazine, 921.
$C_{24}H_{14}O_2$ 7:7′-Diacenaphthenonyl, 1763.
$C_{24}H_{16}O_7$ 7-Benzyloxy-3′:4′-methylenedioxy*iso*flavone-2-carboxylic acid, 807.
$C_{24}H_{21}O_7$ Dehydrodihydrotoxicarol methyl ether, 1540.
$C_{24}H_{26}O_4$ 4:4′-Bis-(4-methyl-7:6-trimethylene-1:3-benzdioxinyl), 561.
p-Phenylphenacyl γ-2-keto*cyclo*hexylbutyrate, 821.
$C_{24}H_{28}O_4$ *p*-Phenylphenacyl 9-ketodecoate, 723.
$C_{24}H_{28}O_5$ Diformyl*iso*lariciresinol dimethyl ether, 1647.
$C_{24}H_{28}O_9$ Dihydrotoxicarolic acid methyl ether, 1540.
$C_{24}H_{30}O_5$ Anhydro*iso*lariciresinol diethyl ether, 390.
Ethyl di(phenoxypropyl)acetoacetate, 724.
$C_{24}H_{32}O_6$ Lariciresinol diethyl ethers, 389.
$C_{24}H_{32}O_7$ *iso*Olivil diethyl ether, 273.
$C_{24}H_{32}N_2$ Diamino-4:4′-di*cyclo*hexyldiphenyl, 1443.

24 III

$C_{24}H_8N_{16}Cu$ Copper tetrapyrazinoporphyrazine, 921.
$C_{24}H_{16}O_4Br_2$ Methyl 6:6′-dibromo-1:1′-dinaphthyl-2:2′-dicarboxylate, 1103.
$C_{24}H_{18}O_2S$ Di-(β-naphthyloxy)divinyl sulphide, 769.
$C_{24}H_{22}O_7N_4$ 5-Hydroxy-7-benzyloxy-2:2-dimethylchromanone 2:4-dinitrophenylhydrazone, 1539.
$C_{24}H_{24}O_4N_2$ Bis*cyclo*pentanone-2-carboxybenzidide, 810.
$C_{24}H_{24}O_{12}N_4$ *dl*-Menthan-1:3-diol 3:5-dinitrobenzoate, 238.
$C_{24}H_{27}ON$ 2-Dimethylamino-1-hydroxy-1:1:3-triphenylbutane, 857.
$C_{24}H_{28}O_4N_2$ Dinitro-4:4′-di*cyclo*hexyldiphenyl, 1442.
$C_{24}H_{28}O_9N_4$ *l*-Rhamnosazone triacetate, 1323.
$C_{24}H_{30}O_4N_4$ 3-Keto-Δ^4-hexadecahydro-1:2-benzanthracene 2:4-dinitrophenylhydrazones, 826.

24 IV

$C_{24}H_8N_8S_8Cu$ Copper tetra-2:3-thiophenoporphyrazine, 917.
$C_{24}H_{60}I_4P_4Ag_4$ Tetrakis(iodotriethylphosphine silver), 1831.
$C_{24}H_{60}I_4Ag_4As_4$ Tetrakis(iodotriethylarsinesilver), 1831.

C_{25} Group.

$C_{25}H_{32}O_5$ Dehydrosumatrol acetate, 501.
$C_{25}H_{26}O_6$ β-Veratryl-β-(2-benzyloxy-4-methoxyphenyl)propionic acid, 742.
$C_{25}H_{26}O_3$ *p*-Phenylphenacyl γ-Δ^1-*cyclo*hexenyl-α-methylbutyrate, 822.
p-Phenylphenacyl γ-(2-methyl-Δ^1-*cyclo*hexenyl)butyrate, 821.
$C_{25}H_{46}O_5$ αα′-Diundecoin, 1412.

25 III

$C_{25}H_{17}O_7N_3$ Methyl-1:2-benzanthracene picrates, 395.
$C_{25}H_{18}O_4Br_2$ Di-6-bromo-2-acetoxy-1-naphthylmethane, 1935.
$C_{25}H_{20}N_2S$ *pp′*-Diphenylthiocarbanilide, 1700.
$C_{25}H_{22}ON_2$ Dehydro-1-(2′-hydroxy-3′:5′-dimethylbenzyl)-2-naphthol phenylhydrazone, 1936.
$C_{25}H_{22}O_3N_2$ 2:4:6-Tri-*p*-tolyloxypyrimidine, 425.
$C_{25}H_{22}O_6N_2$ 2:4:6-Tri-*p*-anisoxypyrimidine, 425.
$C_{25}H_{22}O_6N_2$ ω-Aldehydo-γ-keto-α-phenyl-Δ^α-hexene bis-2:4-dinitrophenylhydrazone, 302.
$C_{25}H_{23}O_3N$ 4′-(*p*-Nitrobenzoyl)-4-*cyclo*hexyldiphenyl, 1442.
$C_{25}H_{25}ON$ Benzamido-4-*cyclo*hexyldiphenyls, 1441.
$C_{25}H_{26}O_6N_4$ Auroglaucin 2:4-dinitrophenylhydrazone, 84.
$C_{25}H_{29}N_3S$ *S*-(*p*-Di-*n*-propylaminophenyl)-*NN′*-diphenyl*iso*thiocarbamide, 1633.
$C_{25}H_{32}O_6N_4$ Flavoglaucin 2:4-dinitrophenylhydrazone, 83.

25 IV

$C_{25}H_{22}O_5NCl$ Carbethoxymethylaminodihydroxy-4-phenylflavylium chloride, 455.
$C_{25}H_{37}O_2NS$ *p*-Toluenesulphonyldodecylaniline, 1123.

25 V

$C_{25}H_{22}O_2NSP$ Triphenylphosphine-*p*-toluenesulphonylimine, 530.
$C_{25}H_{22}O_2NSAs$ Triphenylarsine-*p*-toluenesulphonylimine, 535.

25 VI

$C_{25}H_{19}O_2NCl_3SP$ Trichlorophenylphosphine-*p*-toluenesulphonylimines, 533.

C_{26} Group.

$C_{26}H_{14}O_4$ Bis-3-dibenzfuran diketone, 779.
$C_{26}H_{16}O_4$ 3-Dibenzfuroyl-3-dibenzfurylcarbinol, 779.
$C_{26}H_{16}O_5$ Bis-3-dibenzfurylglycollic acid, 779.
$C_{26}H_{20}N_2$ 1:4-Dibenzylphenazine, and its ferrichloride, 1703.
$C_{26}H_{28}O_6$ β-Glucosidoxy-3:4-benzpyrene, 1828.
$C_{26}H_{22}O_6$ 7-Veratroyloxy-3′:4′-dimethoxyflavone, 742.
$C_{26}H_{22}N_4$ *NN′*-Di-(α-aminobenzylidene)benzidine, 1644.
$C_{26}H_{26}N_4$ 1:4-Bis-*p*-aminobenzyl-1:2:3:4-tetrahydrophenazine, 1703.

26 III

$C_{26}H_{18}O_4N_4$ 1:4-Bis-*p*-nitrobenzylphenazine, 1703.
$C_{26}H_{16}N_2Cl_2$ Dibenzbenzidide di-imidochloride, 1644.
$C_{26}H_{21}O_4N$ 4:4-Diphenacyl-2-methylhomophthalimide, 1314.
$C_{26}H_{22}O_5N_2$ Ethyl αδ-diphthalimido-γ-keto-α-carbethoxyvalerate, 1167.
$C_{26}H_{27}O_4N$ Auroglaucin phenylurethane, 84.
$C_{26}H_{29}ON$ 2-Piperidino-1-hydroxy-1:1:3-triphenylpropane, 857.

26 IV

$C_{26}H_{18}O_6N_4Cu$ Cupric salicylidenenitroanilines, 2002.
$C_{26}H_{20}O_2N_2Ni$ Nickel salicylideneaniline, 2002.
$C_{26}H_{20}O_5N_6Cu$ Cupric salicylidene-*p*-nitrophenylhydrazone, 2002.
$C_{26}H_{22}O_2N_4Cu$ Cupric salicylidenephenylhydrazone, 2002.
$C_{26}H_{22}O_2N_4Ni$ Nickel salicylidenephenylhydrazone, 2003.
$C_{26}H_{22}O_7NCl$ 4′-Carbethoxymethylamino-3:7-dihydroxy-5-benzoyloxyflavylium chloride, 454.

26 V

$C_{26}H_{18}O_2N_2Cl_2Cu$ Cupric salicylidenechloroanilines, 2002.
$C_{26}H_{18}O_2N_2Br_2Cu$ Cupric salicylidene-*p*-bromoaniline, 2002.

C_{27} Group.

$C_{27}H_{20}O_3$ Phenyldi-2-hydroxy-1-naphthylmethane, sodium salt, 1936.
$C_{27}H_{24}O_3$ Piperonylidenemethyl β-9-fluorenyl-β-methyl-*n*-propyl ketone, 1742.
$C_{27}H_{26}O_6$ 6-Trityl 2:3-dimethyl *l*-ascorbic acid, 833.
$C_{27}H_{30}O_7$ Rottlerin, 748, 1862.
$C_{27}H_{32}O_9$ Dehydrotetrahydrosumatrol diacetate, 502.
$C_{27}H_{30}O_7$ Tetrahydrorottlerin, 1863.

$C_{27}H_{32}O_{15}$ Butrin, and its lead salt, 1563.
$C_{27}H_{44}O_2$ 3-Hydroxy-6-keto-Δ^4-cholestene, 804.
Substance, from cholestan-3:4-diol and lead tetra-acetate, 381.
$C_{27}H_{46}O_2$ $\Delta^{5:6}$-Cholestene-3:4-diols, 379.
$C_{27}H_{46}O_2$ Cholestane-3:4-diol oxides, 380.
Dihydroxy-6-ketocholestanes, 805.
$C_{27}H_{48}O_2$ Cholestane-3:4-diols, 381.

27 III

$C_{27}H_{19}O_2N$ 3:3-Diphenylindanedione-2-anil oxides, 628.
$C_{27}H_{19}O_3N_3$ Nitrodehydrodi-2-hydroxy-1-naphthylmethane phenylhydrazone, 1934.
$C_{27}H_{23}O_2Br$ 6-Bromopiperonylidenemethyl β-9-fluorenyl-β-methyl-*n*-propyl ketone, 1742.
$C_{27}H_{24}N_6S_3$ 1:2:4-Tris(phenylthiocarbamido)benzene, 1360.
$C_{27}H_{25}O_5Br$ *p*-Bromophenacyl 3:4-dihydroxy-2-benzhydryl*cyclo*pentane-1-carboxylates, 1839.
$C_{27}H_{26}O_2N_2$ Benzamido-9-benzoyl-6-methylhexahydrocarbazoles, 1129.
$C_{27}H_{33}O_{15}N$ Butrin oxime, 1563.
$C_{27}H_{46}O_2Br_2$ Cholestene-3:4-diol dibromides, 380.

27 IV

$C_{27}H_{18}ON_2Br_2$ Dehydrodi-6-bromo-2-hydroxy-1-naphthylmethane phenylhydrazone, 1935.
$C_{27}H_{21}N_6Br_3S_3$ 1:2:4-Tris-(4-bromophenylthiocarbamido)benzene, 1360.
$C_{27}H_{22}O_4N_6S_2$ *NN'*-Diphenylthiocarbamidobis-*p*-nitrophenylthiourea, 1362.
$C_{27}H_{35}O_6N_3S_3$ Tri-*p*-toluenesulphonyl-*N*-β-aminoethyl-*N'*-ethylethylenediamine, 1470.

C_{28} Group.

$C_{28}H_{48}$ 3-Methyl-Δ^3-cholestene, 419.
$C_{28}H_{50}$ 3-Methylcholestane, 419.

28 II

$C_{28}H_{14}N_{12}$ Tetra-2:3-pyridinoporphyrazine, 919.
$C_{28}H_{18}N_4$ *NN'*-Di-(*a*-cyanobenzylidene)benzidine, 1644
$C_{28}H_{22}N_2$ 2:4:6-Tristyrylpyrimidine, 495.
$C_{28}H_{28}O_6$ Trityl trimethyl *l*-ascorbic acid, 823.
$C_{28}H_{32}O_{10}$ *iso*Lariciresinol tetra-acetate, 389.
$C_{28}H_{34}O_4$ Totaryl hydrogen phthalate, 518.
$C_{28}H_{34}O_{10}$ Triacetylkosins, 565.
$C_{28}H_{38}O_4$ *p*-Phenylphenacyl 8-hydroxy-8-methyltridecoate, 724.
$C_{28}H_{42}O_3$ Lumistadiene-3:6-dion-5-ol, 414.
$C_{28}H_{44}O$ Lumistadienone, 414.
a-Spinastadienone, 732.
$C_{28}H_{46}O_2$ *a*-Spinasterol oxide, 732.
$C_{28}H_{46}O_3$ 3-Methylsarsasapogenin, 420.
$C_{28}H_{48}O$ Lumistanone, 413.
Lumistenol, 413.
$C_{28}H_{48}O_2$ 3-Methoxycholestan-6-one, 408.
$C_{28}H_{48}O_4$ Lumistanedicarboxylic acid, 414.
$C_{28}H_{50}O$ *trans*-Cholestanyl methyl ether, 408.
3-Methylcholestan-3-ol, 419.
$C_{28}H_{50}O_3$ 5:6-Dihydroxy-3-methoxycholestane, 1079.

28 III

$C_{28}H_{24}O_6N_2$ 2:2'-Dinitro-4:4'-dibenzyloxydibenzyl, 1727.
$C_{28}H_{30}O_{15}N_4$ Tetra-acetylvanillin-β-glucoside 2:4-dinitrophenylhydrazone, 494.
$C_{28}H_{24}O_6N_4$ Fructosemethylphenylosazone tetra-acetate, 1324.
$C_{28}H_{45}ON$ Lumistadienone oxime, 414.
a-Spinastadienone oxime, 732.
$C_{28}H_{47}ON_3$ Coprostenone semicarbazone, 384.
$C_{28}H_{47}O_3N$ 6-Nitro-3-methoxy-Δ^5-cholestene, 408.
$C_{28}H_{49}ON$ Lumistanone oxime, 413.
$C_{28}H_{49}O_3N$ 3-Methoxycholestan-6-one oxime, 408.
$C_{28}H_{56}N_4Au_4$ Di-*n*-propylcyanogold, constitution of, 1690.

28 IV

$C_{28}H_{20}O_4N_4Ni_2$ Nickel salicylaldazine, 2003.
$C_{28}H_{24}O_2N_2Cu$ Cupric salicylidenetoluidines, 2002.
$C_{28}H_{24}O_2N_2Ni$ Nickel salicylidenetoluidines, 2002.
$C_{28}H_{24}O_4N_2Cu$ Cupric salicylideneanisidines, 2002.
$C_{28}H_{24}O_4N_2Ni$ Nickel salicylideneanisidines, 2002.
$C_{28}H_{32}O_4N_2S_2$ 2:4-Dipiperidino-1:5-diphenylsulphonylbenzene, 248.

28 V

$C_{28}H_{28}O_2NSP$ Tritolylphosphine-*p*-toluenesulphonylimines, 530.
$C_{28}H_{28}O_2NSAs$ Tritolylarsine-*p*-toluenesulphonylimines, 535.

$C_{28}H_{28}O_5NSP$ Trianisylphosphine-*p*-toluenesulphonylimines, 531.
$C_{28}H_{30}O_6NSP$ Hydroxytritolylphosphine-*p*-toluenesulphonamide, 531.
$C_{28}H_{30}O_6NSP$ Hydroxytrianisylphosphine-*p*-toluenesulphonamide, 532.

C_{29} Group.

$C_{29}H_{20}O_5$ 2:4′-Dibenzoyloxychalkone, 423.
$C_{29}H_{36}O_{15}$ *O*-Dimethylbutrin, 1564.
$C_{29}H_{46}O_3$ 6-Keto-3-acetoxy-Δ^4-cholestene, 804.
$C_{29}H_{46}O_4$ 6:7-Diketocholestanyl acetate, 805.
$C_{29}H_{48}O_3$ *cis*-4-Hydroxy-3-acetoxy-Δ^5-cholestene, 1080.
$C_{29}H_{56}O_5$ $\alpha\alpha'$-Ditridecoin, 1412.

29 III

$C_{29}H_{24}O_2N_2$ 3:3-Diphenylindanedione-2-*p*-dimethylaminoanil oxide, 628.
$C_{29}H_{28}ON_2$ 3-Dibenzfuryl-*pp*′-bis(dimethylamino)diphenylmethane, 780.
$C_{29}H_{29}ON$ 2-Dimethylamino-1-hydroxy-1:1:3:3-tetraphenylpropane, 857.
$C_{29}H_{12}O_2N_2$ *p*-Nitrobenzylideneaminocetylbenzene, 1124.
$C_{29}H_{47}O_2Br$ Bromo-6-ketocholestanyl acetates, 803.

29 IV

$C_{29}H_{30}O_2N_6S_2$ 3:5-Dithiocarbimido-1:1:7:7-tetraphenylthiocarbonyldiurea, 1361.
$C_{29}H_{45}O_2NS$ *p*-Toluenesulphonylcetylaniline, 1124.

C_{30} Group.

$C_{30}H_{22}O_6$ 2:4′-Dibenzoyloxy-3′-methoxychalkone, 422.
$C_{30}H_{26}O_6$ Bis-(4′-hydroxy)flavpinacol, 423.
$C_{30}H_{26}O_8$ Bis-(7:4′-dihydroxy)flavpinacol, 424.
$C_{30}H_{26}O_{10}$ Bis(trihydroxy)flavpinacols, 424.
$C_{30}H_{30}N_4$ 1:4-Bis-*p*-dimethylaminobenzylphenazine, 1703.
$C_{30}H_{34}O_6$ Morellins, 853.
$C_{30}H_{46}O_4$ 3-Acetoxyergostadien-6-on-5-ol, 410.
3-Acetoxylumistadien-6-on-5-ol, 411.
$C_{30}H_{48}O_3$ α-Spinasteryl acetate oxide, 732.
$C_{30}H_{50}O$ α-Amyrenol, structure of, 249.
Basseol, 989.
$C_{30}H_{50}O_3$ Lumistenyl acetate, 413.
*iso*Propylidenecholestene-3:4-diol, 380.
$C_{30}H_{50}O_3$ 6-Acetoxy-3-methoxy-Δ^4-cholestene, 1080.
$C_{30}H_{50}O_4$ Methyl Δ^5-cholestene-3:7-diol-7-acetate, 303.
$C_{30}H_{52}O_4$ Dimethyl lumistanedicarboxylate, 414.
5-Hydroxy-6-acetoxy-3-methoxycholestane, 1080.
$C_{30}H_{55}N$ *p*-Dodecylaminododecylbenzene, and its hydrochloride, 1123.

30 III

$C_{30}H_{22}O_6S_4$ 1:2:4:5-Tetraphenylsulphonylbenzene, 248.
$C_{30}H_{36}O_6N_2$ Morellin dioxime, 854.
$C_{30}H_{37}O_5N_5$ Ergosine, and its salts, 396.
Ergosinine, and its hydrochloride, 396.

30 IV

$C_{30}H_{36}O_4N_2S_2$ 2:4-Dipiperidino-1:5-di-*p*-tolylsulphonylbenzene, 248.

C_{31} Group.

$C_{31}H_{22}O_5$ 7-Benzyloxy-3′:4′-methylenedioxy-2-styryl*iso*flavone, 806.
$C_{31}H_{34}O_7$ Rottlerin tetramethyl ether, 1864.
$C_{31}H_{36}O_8$ Substance, from oxidation of rottlerin tetramethyl ether, 1864.
$C_{31}H_{38}O_7$ Tetrahydrorottlerin tetramethyl ether, 1864.
$C_{31}H_{40}O_{15}$ *O*-Diethylbutrin, 1564.
$C_{31}H_{48}O_4$ 3-Acetoxy-Δ^5-cholestenylidene-7-acetic acid, 304.
$C_{31}H_{50}O_4$ Cholestene-3:4-diol diacetates, 379.
3:6-Diacetoxy-Δ^4-cholestene, 804.
$C_{31}H_{50}O_5$ Cholestane-3:4-diol oxide diacetates, 380.
$C_{31}H_{52}O_4$ Cholestane-3:4-diol diacetates, 381.
$C_{31}H_{52}O_{14}$ Methyl tetramethoxyacetyldihydrochaulmoograte, 959.

31 III

$C_{31}H_{37}O_7N_5$ Morellin nitroguanylhydrazone, 854.

C_{32} Group.

$C_{32}H_{30}O_8$ Bis-(4′-hydroxy-3′-methoxy)flavpinacol, 422.
$C_{32}H_{30}O_{10}$ Bis-(7:4′-dihydroxy-3′-methoxy)flavpinacol, 423.
$C_{32}H_{30}O_{12}$ Bis(trihydroxy-3′-methoxy)flavpinacols, 423.
$C_{32}H_{38}O_4$ Morellin dimethyl ether, 855.
$C_{32}H_{50}O_2$ Dehydro-α-amyrenol acetate, 251.
$C_{32}H_{50}O_3$ Dehydro-α-amyrenyl acetate oxide, 251.
$C_{32}H_{52}O_2$ Basseol acetate, 990.
$C_{32}H_{52}O_5$ Methyl 3-acetoxy-Δ^5-cholesten-7-ol-7-acetate, 303.
$C_{32}H_{54}O_2$ Bassenyl acetate, 991.

32 III

$C_{32}H_{16}N_8Ni$ Nickel phthalocyanine, structure of, 219.

C_{33} Group.

$C_{33}H_{40}O_6$ Morellin trimethyl ether, 855.
$C_{33}H_{64}O_5$ αα′-Dipentadecoin, 1413.

33 III

$C_{33}H_{48}O_4N_4$ Coprostenone 2:4-dinitrophenylhydrazone, 384.

C_{34} Group.

$C_{34}H_{30}O_{10}$ 4′-*O*-Tetra-acetyl-β-glucosidoxy-3:4-benzpyrene, 1828.
$C_{34}H_{30}N_4$ *NN′*-Di-(α-methylanilinobenzylidene)-*p*-phenylenediamine, and its picrate, 1644.
$C_{34}H_{50}O_3$ *cis*-Cholestene-3:4-diol 3-benzoate, 380.
$C_{34}H_{66}O_3$ 13-Ketotetratriacontanoic acid, 1001.
$C_{34}H_{68}O_2$ *n*-Tetratriacontanoic acid, 1001.
$C_{34}H_{68}O_3$ α-Hydroxytetratriacontanoic acid, 1002.

34 III

$C_{34}H_{26}O_4N_4$ 4:4′-Dimethoxydiphenylene-3:3′-bisazo-β-naphthol, 38.
$C_{34}H_{30}O_9S_4$ 1:2:4:5-Tetra-*p*-tolylsulphonylbenzene, 248.
$C_{34}H_{40}O_{13}N_4$ Anhydromaltose phenylosazone penta-acetates, 1323.
$C_{34}H_{67}OCl$ Tetratriacontanoyl chloride, 1002.
$C_{34}H_{67}O_2Br$ α-Bromotetratriacontanoic acid, 1001.

34 IV

$C_{34}H_{24}O_2N_2Cu$ Cupric salicylidenenaphthylamines, 2002.
$C_{34}H_{24}O_2N_2Ni$ Nickel salicylidenenaphthylamines, 2002.
$C_{34}H_{26}O_2N_4S_2$ 4:4′-Dimethylthioldiphenylene-3:3′-bisazo-β-naphthol, 38.
$C_{34}H_{42}O_4N_4S_2$ *NN′*-Bis-(β-*p*-toluenesulphonbenzylamidoethyl)ethylenediamine, hydrochloride of 1470.

C_{35} Group.

$C_{35}H_{34}O_{10}$ 3-*O*-Tetra-acetyl-β-glucosidoxy-9-methylcholanthrene, 1828.
$C_{35}H_{50}O_2$ α-Spinasteryl benzoate, 732.
$C_{35}H_{54}O_4$ 5-Hydroxy-6-benzoyloxy-3-methoxycholestane, 1079.

35 III

$C_{35}H_{32}O_{11}S$ 2-*p*-Toluenesulphonyl 3:5:6-tribenzoyl β-methylglucofuranoside, 253.
$C_{35}H_{53}ON_3$ Coprostenone *o*-tolylsemicarbazone, 382.

C_{36} Group.

$C_{36}H_{24}O_7$ 2:4:4′-Tribenzoyloxychalkone, 423.
$C_{36}H_{28}O_8$ 2:4:4′-Tribenzoyloxy-3′-methoxychalkone, 422.
$C_{36}H_{28}O_2$ Phenacylidenedeoxybenzoins, 846.
$C_{36}H_{34}N_4$ Di-(α-methyl-*o*-toluidinobenzylidene)-*p*-phenylenediamine, and its picrate, 1644.
$C_{36}H_{52}O_4$ 3-Benzoyloxy-6-acetoxy-Δ^4-cholestene, 1079.
Cholestenediol 3-benzoate-4-acetates, 380.
$C_{36}H_{54}O_5$ 5-Hydroxy-3-benzoyloxy-6-acetoxycholestane, 1079.
$C_{36}H_{70}O_3$ Ethyl 13-ketotetratriacontanoate, 1001.
$C_{36}H_{72}O_2$ Ethyl *n*-tetratriacontanoate, 1001.
n-Hexatriacontanoic acid, 1003.

36 III

$C_{36}H_{26}O_2Cl_2$ Phenacylidenedi(chlorodeoxybenzoins), 846.
$C_{36}H_{26}O_2Br_2$ Phenacylidenedi-(4-bromodeoxybenzoin), 847.
$C_{36}H_{27}O_2Br$ *p*-Bromophenacylidenedideoxybenzoins, 847.
$C_{36}H_{29}O_2N$ *p*-Aminophenacylidenedideoxybenzoin, 847.
$C_{36}H_{30}O_8N_2$ Bis-2-nitrobenzeneazo*cyclo*pentanone-2-carboxybenzidide, 812.
$C_{36}H_{38}O_6N_2$ Protocuridine, and its hydrochloride, 1478.
*neo*Protocuridine, and its hydrochloride, 1479.

36 IV

$C_{36}H_{84}I_4P_4Ag_4$ Tetrakis(iodotri-*n*-propylphosphinesilver), 1831.
$C_{36}H_{84}I_4Ag_4As_4$ Tetrakis(iodotri-*n*-propylarsinesilver), 1831.

C_{37} Group.

$C_{37}H_{30}O_3$ *p*-Methylphenacylidenedideoxybenzoins, 847.
$C_{37}H_{30}O_4$ *p*-Methoxyphenacylidenedideoxybenzoins, 847.
$C_{37}H_{52}O_2$ Dehydro-α-amyrenol benzoate, 251.
$C_{37}H_{54}O_5$ Methyl 3-benzoyloxy-Δ^5-cholesten-7-ol-7-acetate, 303.
$C_{37}H_{54}O_2$ Bassenyl benzoate, 991.
$C_{37}H_{72}O_2$ αα′-Diheptadecoin, 1413.

37 III

$C_{37}H_{30}N_3Cl$ *NN′N″*-Triphenylpararosaniline hydrochloride, 1632.

C_{38} Group.

$C_{38}H_{32}O_2$ Phenacylidenedi(methyldeoxybenzoins), 846.
$C_{38}H_{32}O_8$ Phenacylidenedi(4-methoxydeoxybenzoins), 846.
$C_{38}H_{38}N_4$ Di-(α-ethyl-*o*-toluidinobenzylidene)-*p*-phenylenediamine, and its picrate, 1644.
$C_{38}H_{42}O_{10}$ Morellin tetra-acetate, 854.
$C_{38}H_{71}N$ *p*-Cetylaminocetylbenzene, 1124.
$C_{38}H_{76}O_2$ *n*-Octatriacontanoic acid, 1003.

38 III

$C_{38}H_{28}N_4Cl_2$ *NN′*-Di-(α-*o*-chloroanilinobenzylidene)benzidine, and its picrate, 1644.
$C_{38}H_{46}O_{16}N_4$ Lactose phenylosazone hepta-acetate, 1322.
Maltose phenylosazone hepta-acetate, 1323.
$C_{38}H_{70}ON_2$ *p*-Cetylphenylcetylnitrosoamine, 1124.

C_{40} Group.

$C_{40}H_{34}N_4$ Di-(α-methylanilinobenzylidene)benzidine, and its picrate, 1644.
$C_{40}H_{80}O_2$ Ethyl octatriacontanoate, 1003.

40 III

$C_{40}H_{36}N_3Cl$ *NN′N″*-Triphenyl-*NN′N″*-trimethylpararosaniline hydrochloride, 1634.
$C_{40}H_{46}O_{12}N_4$ Anhydrolactose phenylosazone penta-acetate, 1322.
$C_{40}H_{73}ON$ *n*-Tetratriacontananilide, 1001.

40 IV

$C_{40}H_{48}O_6N_2I_2$ *O*-Methylprotocuridine methiodide, 1479.
O-Methyl*neo*protocuridine methiodide, 1479.

C_{41} Group.

$C_{41}H_{42}O_6$ Lariciresinol dimethyl triphenylmethyl ether, 1647.
$C_{41}H_{54}O_2$ Cholestenediol dibenzoates, 380.
3:6-Dibenzoyloxy-Δ^4-cholestene, 804, 1079.
$C_{41}H_{54}O_3$ 3:7-Dibenzoyloxy-6-ketocholestane, 805.

41 III

$C_{41}H_{50}O_{12}N_4$ *cis*-Cholestenediol bis-3:5-dinitrobenzoate, 380.

41 IV

$C_{41}H_{34}O_2N_6S_2$ 3:5-Bis(phenylthiocarbamido)-1:1:7:7-tetraphenylthiocarbonyldiurea, 1361.

C_{42} Group.

$C_{42}H_{38}N_4$ Di-(α-ethylanilinobenzylidene)benzidine, and its picrate, 1644.

42 III

$C_{42}H_{44}O_2P_2$ Tritolylphosphine oxides, 530.

C_{43} Group.

$C_{43}H_{32}O_9$ Tetrabenzoyloxychalkones, 424.

C_{44} Group.

$C_{44}H_{30}O_{10}$ Tetrabenzoyloxy-3′-methoxychalkones, 423.
$C_{44}H_{42}N_4$ Di-(α-ethyltoluidinobenzylidene)benzidines, 1644.

C_{46} Group.

$C_{46}H_{38}N_4$ Di-(α-benzylanilinobenzylidene)-*m*-phenylenediamine, 1644.
Di-(α-benzylanilinobenzylidene)-*p*-phenylenediamine, and its picrate, 1644.
$C_{46}H_{90}O_3$ 13-Ketohexatetracontanoic acid, 1004.
$C_{46}H_{92}O_2$ Hexatetracontanoic acid, 1004.

C_{47} Group.

$C_{47}H_{52}O_{25}$ Deca-acetylbutrin, 1563.

C_{48} Group.

$C_{48}H_{94}O_2$ Ethyl 13-ketohexatetracontanoate, 1004.
$C_{48}H_{96}O_2$ Ethyl hexatetracontanoate, 1004.

48 IV

$C_{48}H_{108}I_4P_4Ag_4$ Tetrakis(iodotri-*n*-butylphosphinesilver), 1831.

C_{50} Group.

$C_{50}H_{38}N_4$ Di-(*a*-diphenylaminobenzylidene)benzidine, and its picrate, 1644.

C_{52} Group.

$C_{52}H_{42}N_4$ Di-(*a*-benzylanilinobenzylidene)benzidine, and its picrate, 1644.

52 IV

$C_{52}H_{36}O_4N_4Ni_2$ Nickel disalicylidenebenzidine, 2003.

C_{53} Group.

$C_{53}H_{106}O_6$ Ethyl *a*-acetyl-*a*-tetratriacontanoylbrassylate, 1004.

C_{55} Group.

$C_{55}H_{43}ON_3$ Hexaphenyltriaminotriphenylcarbinol, 1634.
$C_{55}H_{44}O_{27}N_4$ Tetra-*p*-nitrobenzoylbutrin, 1503.

C_{57} Group.

$C_{57}H_{53}O_6N_3S_3P_2$ *NN*-Bis-(*p*-toluenesulphonamidotriphenylphosphine)-*p*-toluenesulphonamide, 530.

C_{64} Group.

$C_{64}H_{42}N_8$ Octaphenylporphyrazine, 932.

64 III

$C_{64}H_{40}N_8Cu$ Copper octaphenylporphyrazine, 932.
$C_{64}H_{40}N_8Mg$ Magnesium octaphenylporphyrazine, 931.

64 IV

$C_{64}H_{32}O_{16}N_{16}Mg$ Magnesium octa-*p*-nitrophenylporphyrazine, 932.
$C_{64}H_{39}N_8ClCu$ Copper chloro-octaphenylporphyrazine, 932.

C_{66} Group.

$C_{66}H_{134}$ *n*-Hexahexacontane, 1002.

C_{67} Group.

$C_{67}H_{136}$ *n*-Heptahexacontane, 1002.

C_{80} Group.

$C_{80}H_{72}O_{24}$ Nonabenzoylbutrin, 1563.

ERRATA.

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Page.	Line.	
1844	6*	*for* "acid" *read* "alkaline."
1846	31	*for* "dissolved" *read* "suspended."

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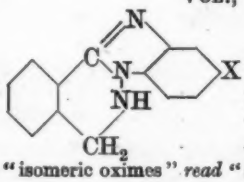
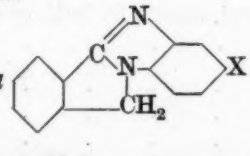
95	formula (IX)	*for*  *read* 
521	8	*for* "isomeric oximes" *read* "isomeric 3-halogenonitrosophenols."

Vol., 1937.

39	2*	*for* "*-2-hydroxy-*" *read* "*-2-amino.*"
1312	9—8*	*for* "3:4-dimethoxyphenyl or 3:4-methylenedioxyphenyl" *read* "3:4-dimethoxybenzyl or 3:4-methylenedioxybenzyl."
1576	24	*for* "F. C. McQuillin" *read* "F. J. McQuillin."

* From bottom.

SYMBOLS FOR THERMODYNAMICAL AND PHYSICO-CHEMICAL QUANTITIES AND CONVENTIONS RELATING TO THEIR USE, ADOPTED AS RECOMMENDED PRACTICE BY THE CHEMICAL SOCIETY.

(Where two or more symbols separated by commas or semicolons are given for a quantity, these symbols are to be regarded as alternatives for which no preference is expressed. On the other hand, where two symbols are separated by a dotted line, the former is the first preference.)

1. To be Printed in Black Italic.

(Certain important physical constants.)

F Faraday's constant.
J Mechanical equivalent of heat.
N Avogadro's number.
R {Gas constant per mol. / Rydberg's constant.
c Velocity of light in vacuo.
e Electronic charge (charge equal and opposite in sign to that of an electron).
g Acceleration due to gravity (standard value, if variation from standard is significant).
h Planck's constant.
k Boltzmann's constant.
m Rest mass of an electron.

2. To be Printed in Ordinary Italic, when not Greek.

General Physics and Chemistry.

Length	l
mean free path of molecules	l
height	h
diameter, distance	d
diameter of molecules	σ
radius	r
Mass	m
molecular weight	M
atomic weight	A
atomic number	Z
gram-equivalent weight	Z, J
Time	t
time interval, especially half- or mean-life	τ
frequency	ν
Velocity	v; c, (u, v, w)
of ions	u (with subscript)
angular	ω
Acceleration	$f \ldots a$
due to gravity (as variable)	g

Force	F, (X, Y, Z)
Moment of inertia	I
Pressure	p, P
especially osmotic	Π
Volume	v, V
Density	$\rho \ldots d$
Compressibility	$\kappa \ldots K$
Viscosity	η
Fluidity	ϕ
Surface area	$A \ldots s$
Angle of contact	θ
Surface tension	$\gamma \ldots \sigma$
Parachor	$[P]$
Surface concentration excess	Γ
Number of mols	n
Concentration, mol fraction	N, x
in other terms	c, C
Solubility	s
Diffusion coefficient	D
Chemical equilibrium constant (products/reactants)	K
solubility product	$K_s \ldots L$
Velocity constant of chemical reaction	k
Number of molecular collisions per second	Z
Partition function	f
Efficiency, of any process	η
Wave function	ψ

Heat and Thermodynamics.

Temperature, on absolute scale, (°K)	T
on other scales	$\theta \ldots t$
Thermal conductivity	k
Energy (general symbol)	E
Work done by or on a system	$w \ldots W$
Heat entering a system	q
Specific heat	c_p and c_v
molecular heat	C_p and C_v
Ratio of specific heats	γ
Latent heat, per g.	l
per mol	L
Intrinsic energy	$U \ldots E$
Enthalpy, total heat, or heat content	H
Entropy	S
Free energy (Helmholtz)	$A \ldots F$
Thermodynamic potential, Gibbs function, free energy (G. N. Lewis)	G

Vapour pressure constant	i
Chemical potential	μ
Activity	a
coefficient (for molar concentration)	f
Osmotic coefficient	g
Van 't Hoff's factor	i

Electricity.

Quantity of electricity	Q
especially electrostatic charge	e
Potential (difference)	V
Volta potential	V
electrokinetic potential	ζ
especially electromotive force of voltaic cells	E
Potential gradient, in electric field	X
Electronic exit work function	ϕ
Current	I
Resistance	R
specific resistance	$\rho \ldots r$
specific conductance	$\kappa \ldots \sigma$
Inductance, self	L
mutual	M
Electrostatic capacity	C
Dielectric constant	ϵ
Dipole moment	μ

Electrochemistry.

Degree of electrolytic dissociation	α
Valency of an ion	z
Ionic strength	I
Equivalent conductance	Λ
equivalent ionic conductance, "mobility"	l (with subscript)
Transport number	T (with subscript) . . . n (with subscript)
Single electrode potential	e (with subscript), E (with subscript)
Electrolytic polarisation, overvoltage	$\eta \ldots \pi$

Magnetism.

Magnetic field strength	H
flux	ϕ
permeability	μ
susceptibility—volume	κ
mass	χ
moment	M
induction	B

Optics.

Wave length	λ
Wave number	ν
Intensity of light	I
Refractive index	n (with subscript)
	. . . μ (with subscript)
specific refraction	r (with subscript)
molecular refraction	$[R]$ (with subscript)
Molar extinction coefficient	ϵ
Angle of (optical) rotation	α
specific rotation	$[\alpha]$
Specific magnetic rotation	ω

3. To be Printed in Roman, when not Greek.

(a) *Examples of Mathematical Constants and Operators.*

Base of natural logarithms	e
Ratio of circumference to diameter	π
Differential	d
partial	∂
Increment	Δ
very small increment	δ
Sum	Σ
Product	Π
Function	f, ϕ

(b) *Examples of single-letter abbreviations.*

*Ampère (in sub-units)	a.
Volt	v.
Ohm	Ω.
Watt	W.
Farad	F.
Henry	H.
Centigrade	C.
Fahrenheit	F.
Kelvin	K.
Ångstrom unit	A.
micron	μ.
metre	m.
gram	g.
litre	l.
Röntgen unit	r.
†Normal (concentration)	N.
†Molar (concentration)	M.

* *E.g.* " ma." for " milliampère "; but " amp." is preferred for " ampère."

† Separated by a hyphen (and no full stop) from a chemical formula which follows it.

The following prefixes to abbreviations for the names of units should be used to indicate the specified multiples or sub-multiples of these units:

M	mega-	$10^{6}\times$
k	kilo-	$10^{3}\times$
d	deci-	$10^{-1}\times$
c	centi-	$10^{-2}\times$
m	milli-	$10^{-3}\times$
μ	micro-	$10^{-6}\times$

e.g., MΩ. denotes megohm; kw., kilowatt; and μg., microgram. The use of μμ. instead of mμ. to denote 10^{-7} cm., or of γ to denote microgram is deprecated.

4. Subscripts and other Modifying Signs.

(a) *Subscripts to symbols for quantities.*

I, II . . .	*especially with symbols for thermodynamic functions*, referring to different systems or different states of a system.
1, 2 . . .	
A, B . . .	referring to molecular species A, B, etc.
i	referring to a typical ionic species i.
u	referring to an undissociated molecule.
+, −	referring to a positive or negative ion, or to a positive or negative electrode.
p, v, T	indicating constant pressure, volume, and temperature respectively.
q	indicating adiabatic conditions.
w	indicating that no work is performed.
p, c, a	*with symbol for an equilibrium constant*, indicating that it is expressed in terms of pressure, concentration, or activity.
G, V, L, X	referring to gas, vapour, liquid, and crystalline states, respectively.
f, e, s, t, d	referring to fusion, evaporation (vaporisation of liquid), sublimation, transition, and dissolution or dilution respectively.
c	referring to the critical state or indicating a critical value.
0	referring to a standard state, or indicating limiting value at infinite dilution.
C, D, F	*with symbols for optical properties*, referring to a particular wavelength.

Where a subscript has to be added to a symbol which already carries a subscript, the two subscripts may be separated by a comma or the symbol with the first subscript may be enclosed in parentheses with the second subscript outside.

(b) *Other modifying signs.*

°	*as right-hand superscript to symbol*, referring to a standard state.
[ ]	*enclosing formula of chemical substance*, indicating its molar concentration.
{ }	*enclosing formula of chemical substance*, indicating its molar activity.

In crystallography it is recommended that :

Millerian indices be enclosed in parentheses, ( ) ;
Laue indices be unenclosed ;
Indices of a plane family be enclosed in braces, { } ;
Indices of a zone axis or line be enclosed in brackets, [ ].

Numerals attached to a symbol for a chemical element in various positions have the following meanings :

upper left mass number of atom.
lower left nuclear charge of atom.
lower right number of atoms in molecule.

e.g., $^{7}_{3}Li$; $^{2}_{1}H_2$ (= D_2).

ALPHABETICAL INDEX OF RECOMMENDED SYMBOLS, and single-letter abbreviations.

including all those given in the above lists except prefixes, subscripts and other modifying signs.

The name of any quantity for which a given symbol is a second preference is printed in parentheses.

A free energy—Helmholtz ; atomic weight; surface area.
A. Ångstrom unit.
a activity; (acceleration).
a. ampère, in sub-units—see footnote, p. 2093.
B magnetic induction.
C concentration; electrostatic capacity.
with subscript : molecular heat capacity.
c. Centigrade.
c velocity of light in vacuo.
c velocity; concentration.
with subscript : specific heat.
D diffusion coefficient.
d diameter; distance; (density).
d differential.
∂ partial differential.
E energy; (intrinsic energy); potential difference, especially electromotive force of voltaic cells.
with subscript : single electrode potential.
e electronic charge—charge equal and opposite in sign to that of an electron.
e quantity of electricity, especially electrostatic charge.
with subscript : single electrode potential.
e base of natural logarithms.
F Faraday's constant.
F force; (free energy—Helmholtz).
F. farad; Fahrenheit.
f acceleration; activity coefficient, for molar concentration; partition function.

f	function.
G	thermodynamic potential, Gibbs function, free energy—G. N. Lewis.
$\boldsymbol{g}$	acceleration due to gravity, standard value.
g	acceleration due to gravity, as a variable; osmotic coefficient.
g.	gram.
H	enthalpy, total heat, heat content; magnetic field strength.
H.	henry.
$\boldsymbol{h}$	Planck's constant.
h	height.
I	moment of inertia; ionic strength; electric current; intensity of light.
i	vapour pressure constant; van 't Hoff's factor.
$\boldsymbol{J}$	mechanical equivalent of heat.
J	gram-equivalent weight.
K	chemical equilibrium constant; (compressibility).
	K_s solubility product.
K.	Kelvin.
$\boldsymbol{k}$	Boltzmann's constant.
k	thermal conductivity; velocity constant of chemical reaction.
L	latent heat per mol; self inductance; (solubility product).
l	latent heat per g.; length; mean free path of molecules.
	with subscript: equivalent ionic conductance, "mobility".
l.	litre.
M	molecular weight; mutual inductance; magnetic moment.
M.	molar concentration.
$\boldsymbol{m}$	rest mass of an electron.
m	mass.
m.	metre.
$\boldsymbol{N}$	Avogadro's number.
N	mol fraction.
N.	normal concentration.
n	number of mols.
	with subscript: (transport number).
	with subscript: refractive index.
P	pressure.
$[P]$	parachor.
p	pressure.
Q	quantity of electricity.
q	heat entering a system.
$\boldsymbol{R}$	gas constant per mol; Rydberg's constant.
R	electrical resistance.
$[R]$	*with subscript:* molecular refraction.
r	radius; (specific resistance).
	with subscript: specific refraction.
r.	Röntgen unit.
S	entropy.
s	solubility; (surface area).
T	temperature, on absolute Kelvin scale.
	with subscript: transport number.
t	time; (temperature—not on absolute scale).

U intrinsic energy.
u velocity component.
with subscript: velocity of ions.
V volume; potential, potential difference, including Volta potential.
v. volt.
v volume; velocity; velocity component.
W (work done by or on a system).
w. watt.
w work done by or on a system; velocity component.
X force component; potential gradient in electric field.
x mol fraction.
Y force component.
Z force component; g.-equivalent weight; number of molecular collisions per second; atomic number.
z valency of an ion.

α degree of electrolytic dissociation; angle of optical rotation.
$[\alpha]$ specific optical rotation.
Γ surface concentration excess.
γ ratio of specific heats; surface tension.
Δ increment.
δ very small increment.
ϵ dielectric constant; molar extinction coefficient.
ζ electrokinetic potential.
η efficiency of any process; viscosity; electrolytic polarisation, overvoltage.
θ angle of contact; temperature—not on absolute scale.
κ compressibility; specific conductance; magnetic susceptibility—volume.
Λ equivalent conductance.
λ wave length.
μ chemical potential; dipole moment; magnetic permeability.
with subscript: (refractive index).
μ. micron.
ν frequency; wave number.
Π pressure, especially osmotic pressure.
Π product.
π (electrolytic polarisation, overvoltage).
π ratio of circumference to diameter.
ρ density; specific resistance.
Σ sum.
σ diameter of molecules; (surface tension); (specific conductance).
τ time interval, especially half or mean life.
ϕ fluidity; electronic exit work function; magnetic flux.
Φ function.
χ magnetic susceptibility—mass.
ψ wave function.
Ω. ohm.
ω angular velocity; specific magnetic rotation.

7

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